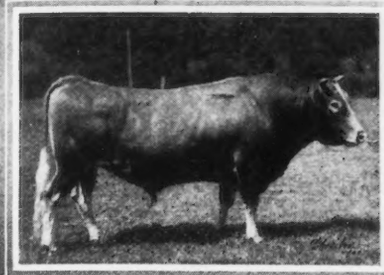
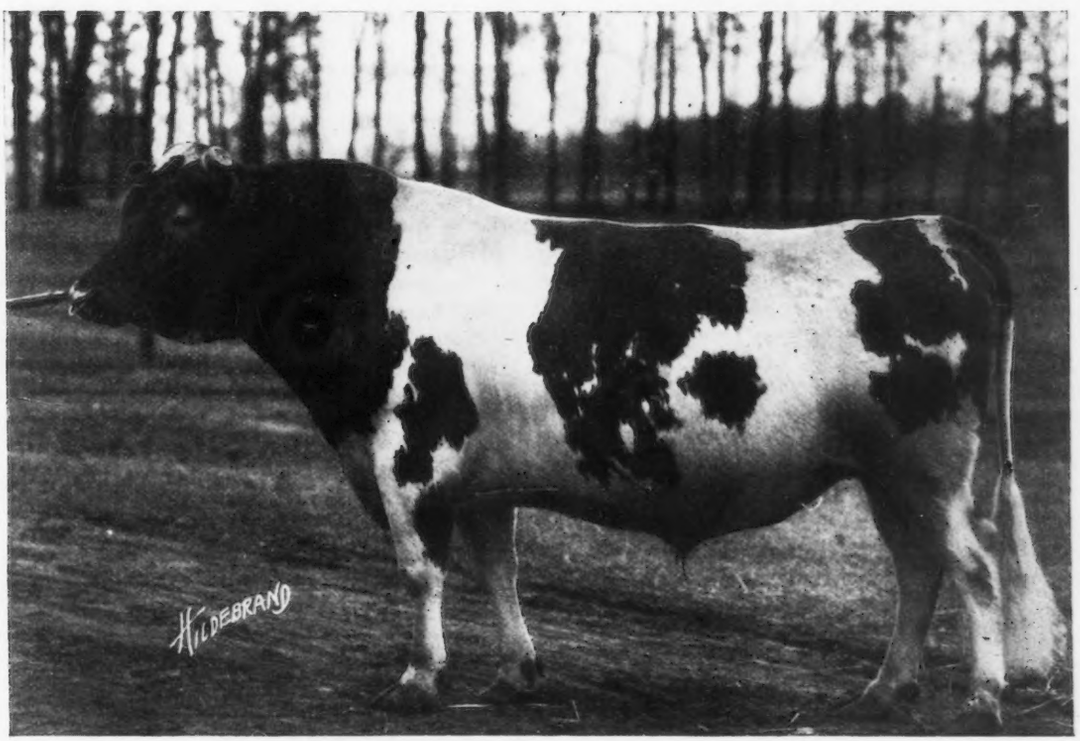
GUERNSEY BREEDERS' JOURNAL



Issued Semi-Monthly by The American Guernsey Cattle Club and Devoted to the Advancement of the Guernsey

Entered as Second Class Matter, Dec. 15, 1909, at the Post Office at Peterboro, N. H., under the Act of March 3, 1879

Vol. XI, No. 12, New Series | SECRETARY'S OFFICE, PETERBORO, N. H. | June 15, 1917



ITCHEN DAISY'S MAY KING OF LANGWATER 17349

Sire—Dolly Dimple's May King of Langwater 12997 A. R. Dam—Imp. Itchen Daisy 3d 15630 A. R. 100

Recently sold by Florham Farms, Madison, New Jersey, to B. E. Nixon, Yountville, California, for $8000

Guernsey Breeders' Journal

The Official Publication of the Breed
Published on the 1st and 15th of Every Month by
The American Guernsey Cattle Club
Subscription, $2.00 a year

Designed to Promote and Advance the Interests of the Guernsey

A Request

If you have a copy of the January 1911 issue of the JOURNAL for which you have no use, we will appreciate your sending it to us. We have a number of calls for this issue and cannot supply them from our files.

Fitting Cattle for the Ring

The first installment of a series of articles on fitting and showing cattle appears on page 403 of this issue.

Mr. A. H. Heckler, the author, has had an extended experience in the show business and tells in detail each operation necessary to successfully place a herd on the circuit. The remaining installments are entitled, "Fitting the Herd at Home," "Transportation," and "Fitting for the Ring and Showing."

A New Scale of Points

An important piece of constructive work was effected at the annual meeting of the CLUB last month. We refer to the addition to the Advanced Register rules, which takes cognizance of breeding power in record animals. Already the number of inquiries about it shows that a tremendous interest has been created.

Just as important a piece of work is being undertaken in establishing a scale of points that will be acceptable to all breeders, and will be helpful in establishing an ideal toward which the constructive breeder may work.

At a special meeting of the CLUB held in connection with the 1914 National Dairy Show in Chicago, much discussion about the official scale of points took place. It resulted in the appointing of a committee to look into the advisability of changing the present card and if necessary to suggest a new one.

The committee has worked hard on this proposition, and a full report of their work appears elsewhere in this issue. They ask for serious consideration of the matter and for any suggestions. The committee wants your ideas on the matter. It is important that they have them. After carefully going over this report, put your comments on paper and mail them to Chas. L. Hill, Rosendale, Wisconsin, the chairman of the score card committee.

Are You a Member of the Club?

The Secretary's report, printed in the last issue of the JOURNAL shows 591 members of THE AMERICAN GUERNSEY CATTLE CLUB. This number represents about ten per cent. of the Guernsey breeders in the United States, and has been secured without a special campaign of any kind.

The increase in membership from year to year is not, however, keeping pace with the growth of the breed, nor with the increase in the sales of stock. In the year 1912, 61,000 certificates had been written for pure bred Guernseys in America. At the present time the register numbers run up into 116,000. This shows an increase of 190 per cent. in five years. In the same period, however, the membership has grown at the rate of only 160 per cent. and we feel that it is time that the advantages of membership in the CLUB be brought intensively to the attention of all breeders of Guernsey cattle.

One of the minor advantages, but one which at first will appeal most strongly to the non-member, perhaps, is the monetary advantage. It costs $50 to join the CLUB, and if you register five animals a year, this investment will return you ten per cent. This is caused by the fact that members register cattle for one dollar where non-members pay two dollars. If you are registering more than five head of cattle a year you cannot afford, from the financial side even, not to be a member.

Aside from the monetary end, however, there are other really important reasons why membership in the CLUB should be increased. The voice of a much larger percentage of our breeders than ten ought to be heard in the management of the CLUB's activities. The prestige gained and increase in interest in the advancement of the Guernsey cause, which comes through membership, are things which are not fully realized until experienced, but they should be carefully considered by every breeder.

Other breed associations have placed these facts before their breeders, and are working hard to secure an increased membership in their already comparatively large associations. In the May 31 issue of the Breeder's Gazette, D. D. Aitken, president of the Holstein-Friesian Association of America thoroughly discusses the enormous membership of that organization. We recommend that all of our breeders who can possibly secure a copy of this number read thoroughly his discussion, and we quote a portion of it as follows:

"There are a great many other reasons why a large and constantly growing membership is beneficial to these associations. One is that it gives more control over the member who is having his animals registered. It affords an opportunity to investigate him when he makes application for membership and to ascertain whether or not he would be a creditable addition to the association. Under the by-laws there is the power of expelling him and prohibiting further registrations if he does those things that are derogatory to the interests of the association and the reputation of its members."

President Aitken further adds, "My own judgment is that the membership is a sort of index to the popularity of the breed. I think the time has long since passed when there is any controversy between the different breeds. Intelligent people everywhere who are breeding animals realize that there is more than room enough for all of them and that the most important consideration is that the man himself be satisfied with the breed that he keeps."

In an apt summary he writes, "The theory of the formation of the association at the outset is that it will serve to organize those who register animals of one breed. If that were not the intent, then there would be no object in having an association. If no help or strength were to be derived by additional members joining, then it would only be necessary to have a corporation formed, elect a board of directors for life, and do away entirely with additional members. This, however, is entirely in opposition to my theory and understanding of the wishes of the registry associations. They wish the cooperation of all persons who register animals with their society, because they realize that the cooperation and assistance would be valuable in building up the reputation and credibility of the breed."

Think it over, Mr. Guernsey Breeder, and make the breeding of Guernseys safe by joining the CLUB, so that your voice may be heard in its management and growth. The CLUB will gladly send application blanks, with full instructions, upon request.

WAUKESHA COUNTY GUERNSEY SALE

47 Cattle Average $361.00 a Head

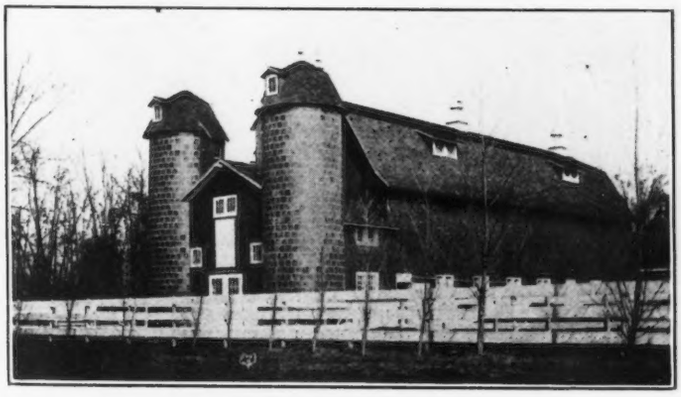
IN spite of disagreeable weather a large crowd gathered at the regular semi-annual sale of the Waukesha County Guernsey Breeders' Association held on June 7, 1917. The tent was packed, and prices ran very well throughout the day. All the buyers were from the state of Wisconsin and bordering states.

The highest price received was paid by W. P. Cowan of Wheaton, Illinois for Lillian's Milk Maid of Maple Hill 43708, a daughter of Langwater Hayes Rosie's King of the May 16723. As a two year old she produced 12,980.7 pounds of milk and 567.3 pounds of fat. Another Advanced Register cow, Castello's Beauty 24492, was sold for $800 to Longhurst Farm, Peoria, Illinois.

The females, forty-three in number, averaged $376 a head and four males averaged $208.75 a head, making an average for the forty-seven head of $361.

The details of the purchases were as follows:

Lima Girl 28076—Bartlett Bros., Pewaukee, Wis. $210
Whitey of Maple Hill 54458—Ames Bros., Weaver, Minn. 355
Imp. McKerrow's Douvre 68735—A. M. Sisler & Son, Grand Rapids, Minn. 275
Princess Rhoda 68875—Ames Bros. 230
Lass of Springhurst 54662—L. G. Johnson, Whitewater, Wis. 240
Excel of Sarnia 4401 P. S.—E. J. Longyear, Excelsior, Minn. 225
Imp. McKerrow's Heaume's Doris 68723—E. J. Longyear 365
Queen Tilly of Sunny Side 70045—A. M. Sisler & Son 305
Maple King of Sunny Slope 42381—W. N. Goddard, McGregor, Iowa 130
Hero's Violet 35952—John J. Schwartz, Troy Center, Wis. 265
Desire of Sarnia 49572—Ingalls Farm Co., Fond du Lac, Wis. 350
Verandess of Ulas Dale 42439—Sam Sievert, Colgate, Wis. 240
Mirza of Haddon 32141—L. G. Johnson 325
Creamland Jack—J. B. Wilmer, Honey Creek, Wis 110
Imp. McKerrow's Flora of Le Douvre 68726—E. J. Longyear 370



DAIRY BARN AT AVON-VALE FARM, AVON, NEW YORK

Dorothy of Edgemont 25869—Geo. Markell, Darien, Wis. 210
Imp. Lady II. de la Vielle Rue 35237—A. M. Sisler & Son 245
Gentian of Sarnia 69081—H. B. Hinckley, Rockford, Ill. 305
Park's Yeksa Queen 2d's Pride 36593—Bent Bros., Oglesby, Ill. 300
Lucile of Beaver Lake 23361—Mayowood Farm, Rochester, Minn. 340
Daisy's Bell 38641—Jacob Straesser, Peoria, Ill. 235
Dolly's Pride of the Cedars 35517—Geo. B. Brown, Charlestown, Ill. 225
Evangeline of Round Prairie 37903—Geo E. Stocking, Rochelle, Ill. 325
Imp. McKerrow's Golden Rose 68730—Wm. Wrigley, Jr., Lake Geneva, Wis. 635
Lillian's Milk Maid of Maple Hill 43708—W. P. Cowan, Wheaton, Ill. 1025
Lillian May Bishop 31575—Fred W. Backer, Weyauwega, Wis. 635
Henry's Maid of Bailey Falls 41319—Ingalls Farm Co. 300
Castello's Beauty 24492—Longhurst Farm, Peoria, Ill. 800
Castello's Beauty 2d 41107—A. P. & H. T. Lovejoy, Janesville, Wis. 750
Masher Girlie of Sunny Side 65234—H. B. Hinkley 315
Empress of Sarnia 54060—A. M. Sisler & Son 360
Emolyn Hope 21225—Geo. E. Stocking 315
Isabinda's Margey 66655—A. M. Sisler & Son 225
Imp. Lady Betty of McKerrow Farms 68727—Ames Bros. 460
Imp. Bluebird of Sarnia 46546—A. M. Sisler & Son 410
Glenwood's Minerva 46153—Jacob Straesser 500
Troy Center Blue Belle 50090—Mayowood Farm 300
Waukesha's Prospect 28281—Jacob Straesser 370
Imp. Fanny of McKerrow Farms 68731—A. E. Wilcox, Mauston, Wis. 405
Nancy of Maple Hill 60658—Geo. W. Browne, Waukesha, Wis. 805
Park's Madeline 61803—John Featherstone, Madison, Iowa 280
Yeksa Queen of Cameron 41849—M. C. Ewing, Wausau, Wis. 300
Murdock's Morning Glory 23519—Wilbur J. Williams, Wauksha, Wis. 225
Ly of Meridian's Dewdrop 57082—A. E. Wilcox 330
Imp. McKerrow's Topsy 68729—A. M. Sisler & Son 460
Lorraine of Maple Avenue 57187—M. C. Knudson, Mosinee, Wis. 295
Gracious of Sarnia 71411—H. O. Hinckley, 305

AVERAGES

43 females sold for	$16150
Average	376
4 males sold for	835
Average	209
47 animals sold for	16985
Average	361

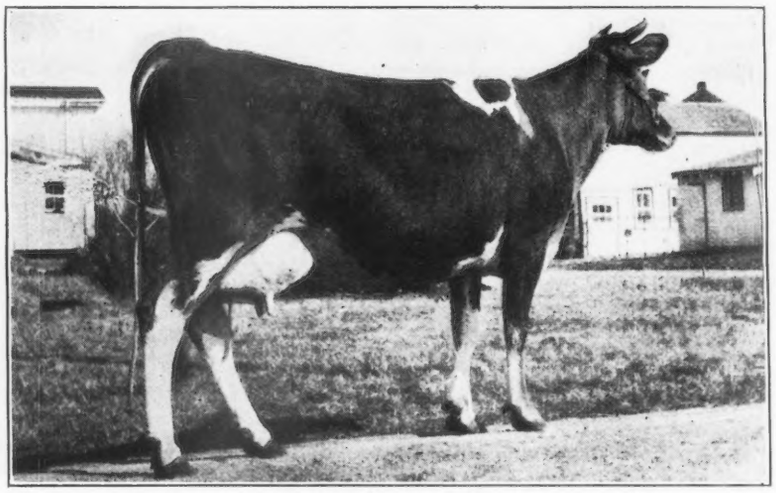
THE WYEBROOK GUERNSEY HERD

C. L. A. Whitney of Albany, N. Y., Secures Remarkable Foundation

MR. C. L. A. Whitney, owner of Wyebrook Farm, Albany, New York, is perhaps known by most Guernsey breeders as the purchaser of Langwater Dairymaid 26377 at the Ames auction last fall. Langwater Dairymaid 26377 however is not the only good cow Mr. Whitney has in his herd. There are many other real cows.

For two years he has been gathering together on his farm five miles north of Albany, a foundation herd of some of the leading producers of the breed. An account of his purchases, his breeding plans, and a description of his farm follows.

His first purchase was made in June 1915. He bought at this time from F. B. Buckley of Schaghticoke, New York, the cow, Imp. Daisy II. of the Friquet 40307. In May 1916 she dropped a calf, Wyebrook Daisy 64635, and was put on test for the Advanced Register in class A. Up to the present time she has produced in 328 days, 10866.8 pounds of milk and 551.88 pounds of butter fat. She was sired by Justinee's Sequel of the Preel 2119 P. S., a son of Imp. Galaxy's Sequel 16904, and out of the foundation cow Daisy of the Friquet 3502 F. S.

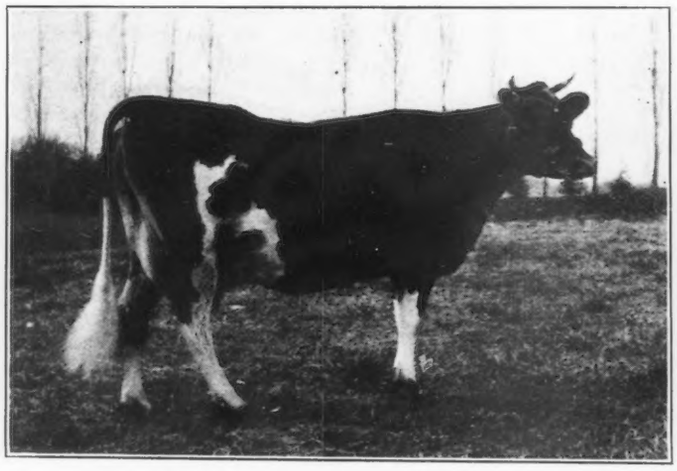


IMP. WYEBROOK ROSE 69245

Sire—Royal Sequel 2511 E. G. H. B. Dam—Rose of Goodnestone 2d 7845 E. G. H. B.

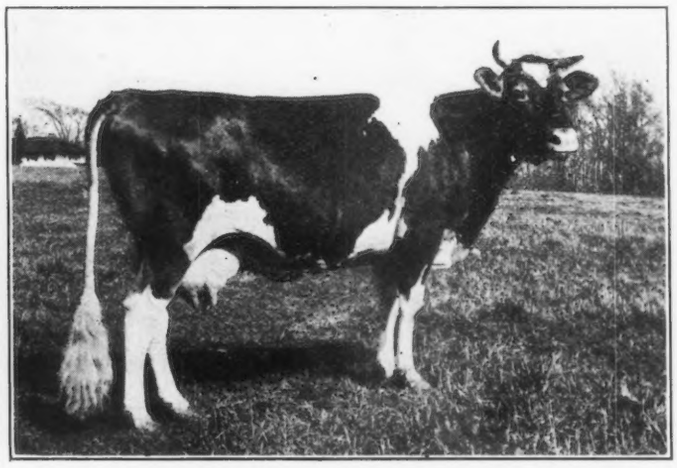
The next purchase was Stella's Favorite 2d 29167. She was bought from the celebrated Anna Dean Farm at Barberton, Ohio, in December 1915. This cow was dropped in July 1909 and had already made two Advanced Register records at Anna Dean Farm. Calving in May 1912, as a two year old she produced 12357.6 pounds of milk and 581.18 pounds of butter fat, carrying a calf seven months. She calved again in July 1913 and produced in class C 14529.6 pounds of milk and 719.23 pounds of butter fat, carrying a calf six months, earning for herself fifth place in the Class Leaders. After coming to Wyebrook Farm she dropped a heifer calf in December 1915, and in the first year of Mr. Whitney's experiences of Advanced Register testing she produced 15731.8 pounds of milk and 750.09 pounds of butter fat and dropped a nice heifer calf forty-nine days after finishing her test. This cow now holds seventh place in the leaders of class C, is a large, strong cow and ought to make an excellent cow for foundation purposes. She was sired by Financiere III's May Rose King 13028, a son of Imp. May Rose King 8336 A. R., and out of Stella's Favorite 22816, which has two Advanced Register records made in classes E and A of 454.08 and 568.89 pounds of fat respectively. She in turn is sired by Belle-Vernon's Jeweller 9306 and out of Stella of Belle-Vernon 10773.

In February 1916, Mr. Whitney purchased of John C. Higgins of Delaware City, Delaware, three heifers, Wyebrook Paula 63145, Wyebrook Emerita 63146 and Wyebrook Chene's Jewel 64235. These heifers trace on both their



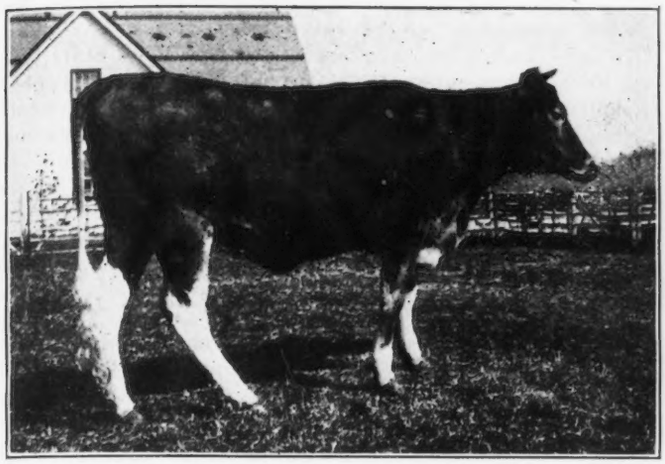
IMP. BLANCHFLOWER XX. 47923

Sire—Sequel's Delight R. G. A. S. 2442 P. S.
Dam—Blanchflower IX. R. G. A. S. 3092 F. S.



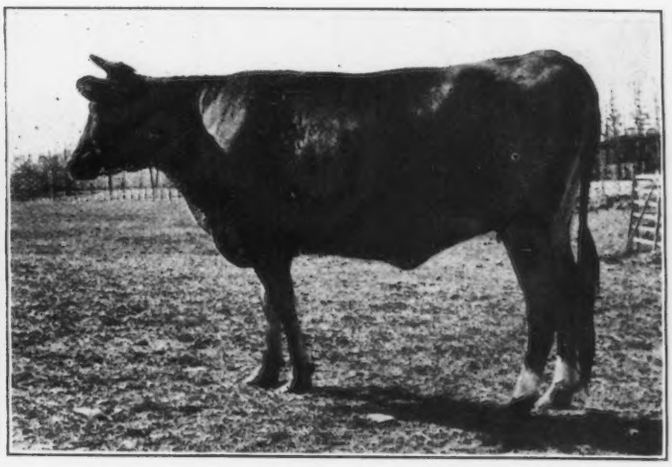
IMP. DAISY II. OF THE FRIQUET 40307

Sire—Justinee's Sequel of the Preel R. G. A. S. 2119 P. S.
Dam—Daisy of the Friquet R. G. A. S. 3502 F.S.



WYEBROOK PAULA 63145

Sire—Easter's Governor 22599 Dam—Golden Polly 46654

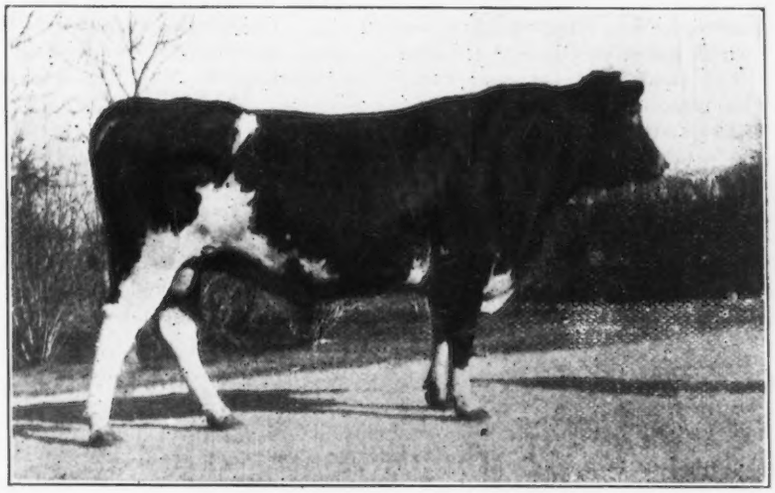


FILLMORE'S CHERRY 59108

Sire—John Q. of Edgewater 20967 Dam—Cherry of Edgewater 38413

sire's and dam's sides to Governor of the Chene 1297 P. S., and all trace three times to Imp. Governor I. of the Chene 10563.

Another heifer that comes from royal stock is Fillmore's Cherry 59108. She was bred by Charles H. Jones of Wellesley Farms, Massachusetts, and is out of Cherry of Edgewater 38413 that holds first place in class G. with 13454.2 pounds of milk and 732.97 pounds of butter fat. Fillmore's Cherry is sired by John Q. of Edgewater 20967, a son of Imp. Holden IV. 12179 and out of Imp. Ma Charmante 6th 31925. Since Cherry of Edgewater 38413 is also by Imp. Holden IV. 12179, her daughter carries a strong infusion of Governor of the Chene 1297 P. S. blood.



WYEBROOK MAY KING 34218

Sire—Jethro Bass 11366 Dam—Masher's Florette 24894

A cow that has recently entered the list of Class Leaders is Imp. Blanchflower X X. 47923. She freshened in March 1916 and completed in class E a record of 13553.7 pounds of milk and 687.93 pounds of butter fat. This placed her eighth in the list of class E cows. She was sired by Sequel's Delight 2442 P. S., a prize winning son of Imp. Galaxy's Sequel 16904 and Fac-simile 4669 P. S. Her dam is the foundation stock cow, Blanchflower IX. 3092 F. S. by Imp. Financiere 8571, an Advanced Register bull that traces to May Rose 2d 3251 P. S.

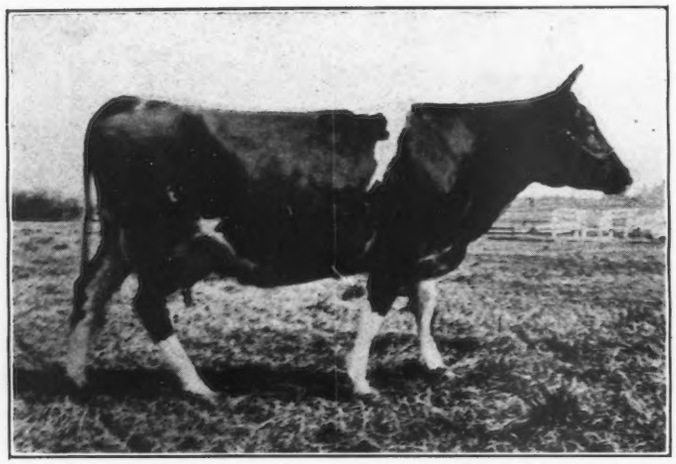
In July 1916, Mr. Whitney purchased three heifers sired by Ne Plus Ultra 4th 29328, thereby securing some of the fashionable Ne Plus Ultra 15265 blood for his foundation herd. Ne Plus Ultra 4th 29328 which is a son of Ne Plus Ultra 15265, is a full brother of Florham Gold Lassie 43596, his highest testing daughter with a record of 583 pounds of fat in class G. This part of the breeding needs no further comment. The dam of Ne Plus Ultra 4th 29328, Golden Lassie of Paxtang 24696 was sold at Mr. Hope's 1915 sale for $925. She has three Advanced Register records of 507.31, 675.45 and 715.38 pounds of fat, respectively. She is a double granddaughter of Glenwood Boy of Haddon 4605 and through her dam traces to Sheet Anchor 2934 and Rutila's Daughter 6670. These heifers are now about a year old and show a great deal of promise as producers.

The cow, Langwater Dairymaid 26377 was fully described in the April 1 issue of the JOURNAL. She was purchased at the highest price ever paid for a Guernsey cow at public auction. She combines type with exceptional production, as her record of 811 lbs. of fat demonstrates.

Another cow purchased in November 1916, that will undoubtedly be heard from later as a producer is Imp. Princess Christine of Bellview 42895. She is a daughter of Imp Galaxy's Sequel's Royal Gem 16925 and Imp. Princess Christine 36342.

Additional May Rose blood has been secured by the purchase of Heliotrope of Rich Neck 42114, a daughter of Lavanton 11611 and Imp. Froome's Queen 28706, an Advanced Register daughter of Harley of Chitral 1182 P. S. As a junior two year old Heliotrope of Rich Neck 42114 produced in the hands of the late H. H. Pearson, Jr., of Claiborne, Maryland, 8595.3 pounds of milk and 509.83 pounds of butter fat. In May 1916, she was again placed on test in class D and was shipped to Albany in January 1917. Up to the present time she has produced 7623.7 pounds of milk and 455.03 pounds of butter fat in 289 days and she will doubtless better her previous record by a good margin.

In February 1917, Mr. Whitney purchased of F. S. Peer of Cranford, New Jersey, Imp. Wyebrook Rose 69245, an English bred heifer sired by Royal Sequel 2511 E. G. H. B. and out of Rose of Goodnestone 2d 7845 E. G. B. H. She is a beautiful cow, deep bodied, trim and with a good top line. Shortly after coming to the farm she dropped a heifer calf and during the first month of her lactation period produced 1487 pounds of milk as a four and half year old.



IMP. PRINCESS CHRISTINE OF BELLVIEW 42895
Sire—Imp. Galaxy's Sequel's Royal Gem 16925
Dam—Imp. Princess Christine 36342

Mr. Whitney has recently purchased Pandora's Valentine of Rich Neck 27622, another daughter of Lavanton 11611 A. R. This cow has also been featured in the JOURNAL and will, therefore, not be described here. She has four Advanced Register records which average 652.88 pounds of fat and is now on her fifth record. In 164 days she has made 313 pounds of fat. She now holds fifth place in class B with 784.22 pounds of butter fat.

The herd is headed by Wyebrook May King 34218, a son of Jethro Bass 11366 A. R., which has sired eleven Advanced Register cows averaging 570.01 pounds of fat, and three Advanced Register sons. The dam of Wyebrook May King 34218 is Masher's Florette 24894, (a daughter of Imp. Masher's Sequel 11462 A. R.) that produced as a two and one-half year old 8948.2 pounds of milk and 427.57 pounds of butter fat, carrying a calf five months and also has a reentry record of 12418.7 pounds of milk and 562.09 pounds of butter fat, carrying a calf five months.

To breed to the daughters of Wyebrook May King 34218 Mr. Whitney has secured Ne Plus Ultra of Wyebrook 40129, a on of Ne Plus Ultra 4th 29328, whose breeding has already been given. His dam is Imp. Rosy V. of the Bourg de Bas 36380, which has two Advanced Register records and was first prize and junior champion at the New York State Fair, in 1915. As a junior two year old she produced 12144.5 pounds of milk and 635.99 pounds of butter fat, and without going dry was reentered for official test as a three and one-half year old when she produced 14065.1 pounds of milk and 755.07 pounds of butter fat, placing her sixth in the leaders of class D. She was sired by Billy's Fancy 2205 P. S., and her dam is a daughter of Golden Noble 2d 1836 P. S.

The Advanced Register records that have been produced by these foundation cows furnish an exceptional instance. There are six aged cows on the farm whose best records average 737.64 pounds of fat. In all they have produced thirteen Advanced Register records averaging 650.33 pounds of fat. Eight records produced with the first and second calves average 604.22 pounds of fat. The highest Advanced Register record is 812.66 pounds of fat and the lowest 509.83 pounds of fat, produced by a class G heifer. Three of the cows appear in the list of Class Leaders. One cow is now running on her fifth Advanced Register record.

Not only are these cows good producers themselves but in nearly every instance they are backed up on both sire's and dam's sides by Advanced Register stock of the most fashionable lines. If breeding counts for anything, wonderful production may be expected from the Wyebrook herd in the future.

Mr. Whitney owns about sixty acres of land and it is his plan to keep a small but very select herd. He has excellent pasture land and grows alfalfa for hay, corn for silage, and roots. These crops furnish the roughage for the herd. The grain is purchased. The feeding and care of the stock are in the hands of Mr. Bol, a most excellent handler and conditioner of dairy cattle.

Since writing this article Mr. Whitney has purchased Bloomfield Pandora 20760, the dam of Pandora's Valentine of Rich Neck 27622. She is by Imp. Masher's Jewel 8868 and out of Imp. Pandora of Lilyvale II. 18547. She has five Advanced Register records and her work has been thoroughly reviewed by many agricultural publications. The butter fat produced in her five records is as follows: 464.45 class D; 572.07 class A and late records of 587.35, 634.16 and 757.67 lbs.

Itchen Daisy's May King of Langwater 17349 Goes to Pacific Coast for $8,000.00

(See Picture on Title Page)

A new high price has been paid for a Guernsey bull. This time it was B. E. Nixon of Yountville, California, that secured from Florham Farms of Madison, New Jersey, the bull Itchen Daisy's May King of Langwater 17349 for an $8000 consideration.

Evidently Guernseys are looked upon favorably by California dairymen. It was not long ago that we heard of the purchase of Imp. Itchen May King 25174 from Mr. Hope by a California breeder for the then record price of the breed, $4,500.

Some of the highest prices that have been paid for Guernseys at public auction have been paid for animals akin to Itchen Daisy's May King of Langwater 17349. At the Hope sale an 1916, four daughters of Ne Plus Ultra 15265, a full brother of Itchen Daisy's May King of Langwater 17349, sold for an average of $1493.75 each. At the 1917 auction seven daughters of Ne Plus Ultra 15265 sold for an average of $1339.28 each. Imp. Itchen Daisy 3d 15630, the dam of Itchen Daisy's May King of Langwater 17349, was sold a number of years ago for $4000 and her son, Imp. King of the May 9001, as a calf sold for $2000. Langwater Dairymaid 26377, a daughter of Imp. Itchen Daisy 3d 15630, sold at the Langwater sale last fall for $6,150.

This bull will be a valuable addition to the Guernsey sires on the western coast. His sire is Dolly Dimple's May King of Langwater 12997, an Advanced Register grandson of Imp. Itchen Daisy 3d 15630, A. R. 100, whose records are 534 pounds of fat at two years and 714 pounds of fat at four and one-half years.

THE SHOWING OF DAIRY CATTLE

1—Selection of the Herd

By A. H. HECKLER

THE cheapest and best advertising for the breeder of pure bred dairy cattle is the show ring. The show ring is also a great school to the breeder who is building up a herd with individuality and from which high production may be expected, for the present day breeder is emphasizing more than ever the matter of individuality combined with blood lines and production.

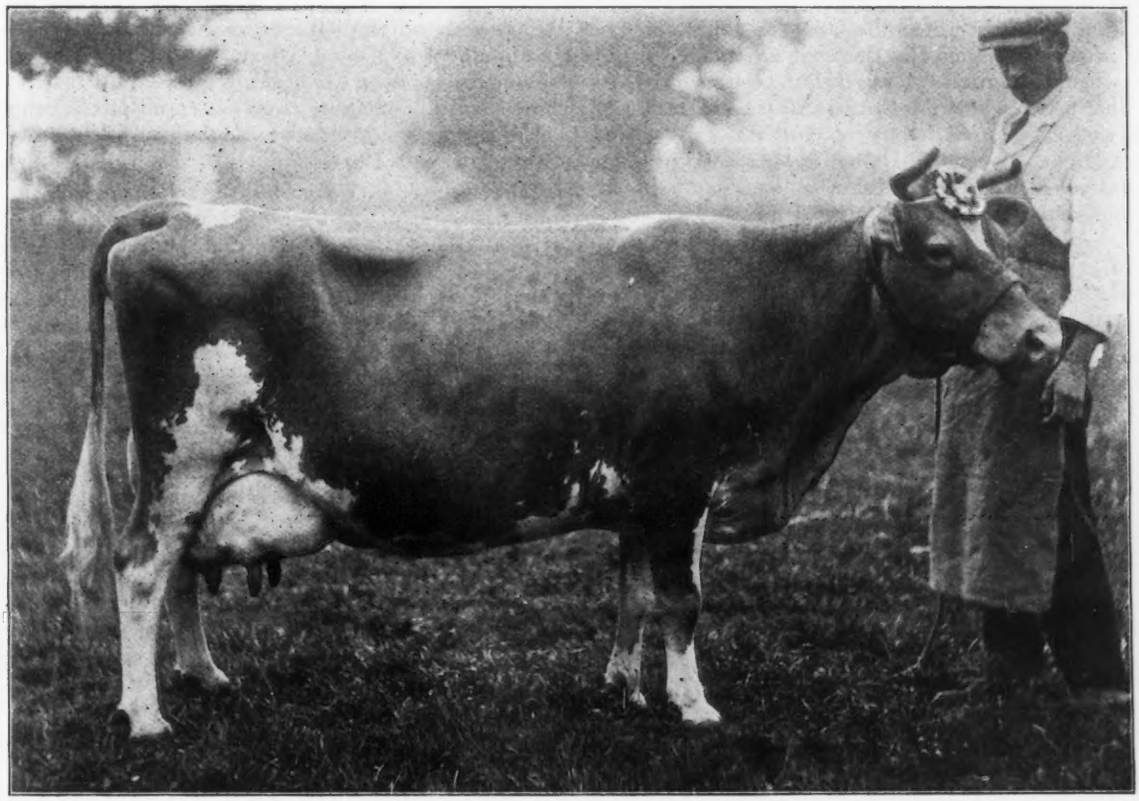
Most breeders make the mistake of not coming out until they think they can clean up the show, and this is the time they begin to learn a few things. If they had come out from time to time in a small way at a few of the local fairs, to see how their ideas were conforming with the show ring type, so to speak, they would go home with a better knowledge of what to select for the next time, and would also have learned a few of the "tricks and turns" of the show game.

In this way, by the time that would have been taken to make a big plunge, they are in a position to stand up with the best of them, for there are a lot of things to learn and know about the show game—even after the breeder has a good herd—before he can take them out and win in stiff competition.

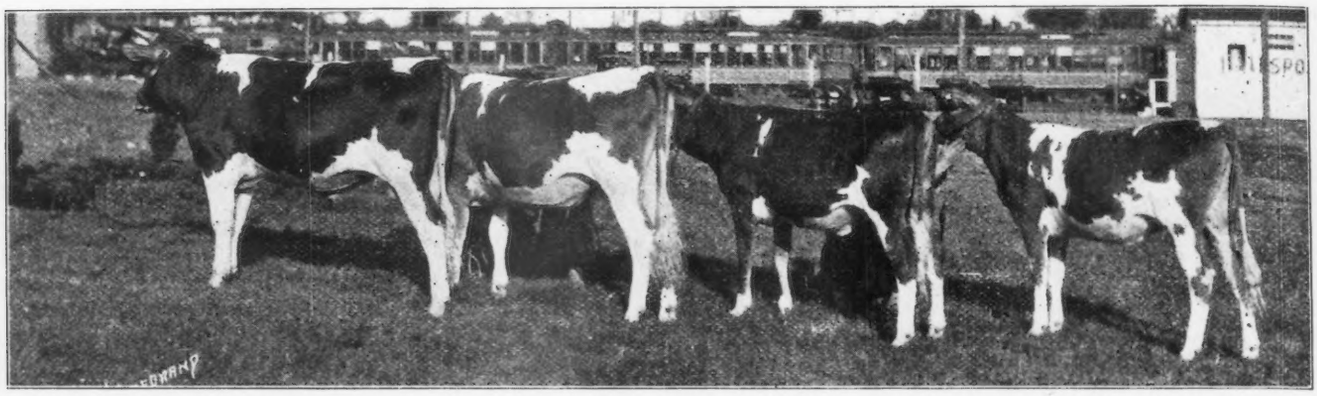
The first fairs start in the latter part of July, so it is best to select the herd in the latter part of May or the first part of June. Ample time may then be had to fit the herd before starting for the fairs. If it is possible to fill all classes and groups, it will be found wise to make a first and second choice, so that if one animal does not come along as it should, or if it should get hurt at the last moment, the breeder is prepared to replace it with another animal.

In the selection of the herd, always bear in mind the relationship of the animals so as to be able to show them in their respective classes, and also to be able to work them into the produce of dam class, i. e., two animals of either sex, from the same dam; and also in the get of sire class, i. e., four animals of either sex the get of one sire. Also bear in mind the breeder of the animal (the owner of the cow at the time she was bred to produce this calf) for at most fairs in order to be able to show in the calf herds and young herds, the owner must also be the breeder of the females shown in these classes. These rules will be found in the premium lists of each fair.

If the animals are closely related, such as brother and sister, they can be shown in their respective classes, and at



The wedge shape, straight lines, prominent veins, and excellent udder development are some of the points emphasized in this animal, and which are necessary to win in the Show Ring



GET OF SIRE

BREEDERS' YOUNG HERD

These two groups were first prize at a leading state fair. By keeping in mind the breeder and relation of the animals only one animal had to be added to the get of sire group to form the breeders' young herd. By securing animals closely related uniformity is best secured also.

the same time be used for produce of dam, and if they were full brother and sister—or both the same sex—they could be shown with two other animals by the same sire for get of sire. In this way when an animal is closely related to the other animals in the herd, it may be used to win in three places, i. e. in its respective class, the produce of dam class, and get of sire class, and if it is a young animal it will work into the calf herds and young herds, providing the owner is the breeder. When the young animals are worked into the herds and groups and used in the produce of dam and get of sire classes this gives the owner five chances to win with one animal, and it saves carrying extras along to fill up.

Bearing these things in mind let us begin to select.

In the show animal we must look for an outstanding individual showing feminine qualities in the female and masculinity in the male, with the general form wedge shaped, an animal that has beauty of form combined with breed characteristics, and is pleasing to the eye in general appearance.

In the female we look for a straight top line, rather fine and smooth over the withers and a prominent backbone free from beefiness. The hips should be wide apart and prominent, level and straight, with good length from hip to pin bones, the pin bones to be set well apart, showing good width through the thurls. The tail should blend nicely with the rump at the tail head, tapering from the tail head and extending to the hocks, and should not show coarseness. At the end of the tail should be a large switch of fine hair.

The barrel should be large, deep, and long from shoulder to hips, the ribs flat, wide, long and well sprung, with good width between. The size of the barrel and the spring of rib, can best be seen from a few feet to the rear and sides of the animal.

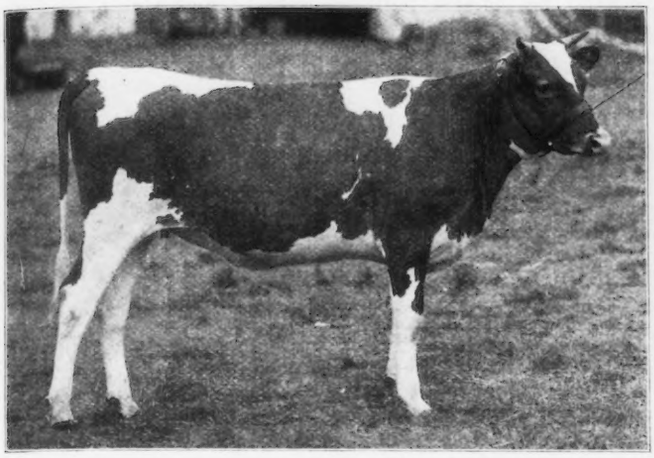
The fore-ribs should be well sprung. The animal should be fairly broad through the chest, with good depth from top of shoulders to floor of chest, yet attached smoothly to the shoulders, showing great heart girth and constitution. The hide should be medium thin, loose and pliable, showing good oily secretions, and quality, the hair of fine texture and silky to the touch.

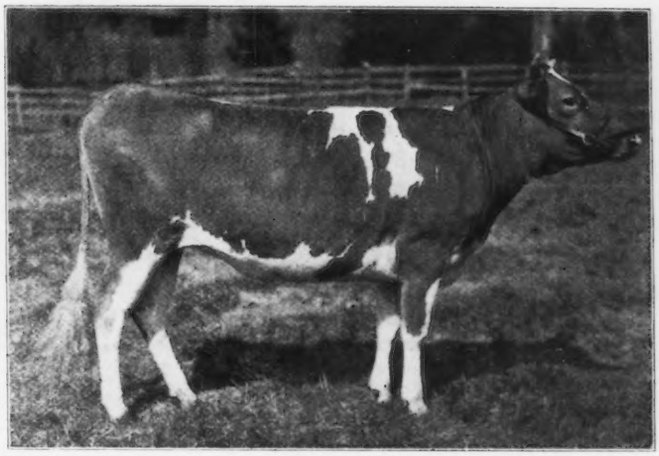
The neck should blend into the shoulders, showing strength but still a bit of refinement, clean cut at the throat, with a large windpipe, the neck to attach smoothly to the head. The head and neck should be rather long in proportion to her size. The horns should taper well from the poll, ears should be of medium size, covered with fine hair showing oily secretions on the inside of the ear, which is set below the horn in a pleasing manner and showing style.

The eyes should be large and prominent, being a bit broad between the eyes, with a little dish in the forehead, a rather long, clean cut face and head, with large open nostrils and a broad muzzle. The general appearance of the head should show feminine qualities in the female.

In the milk veins we must look for well developed, prominent veins, that have many branches entering the body through several large and capacious milk wells and extending well forward to the fore legs, forming a network of veins that cover the under side of the barrel.

In the calf we must look for well developed, prominent veins, an udder that shows development, extending forward on the body, attached high in the rear, the udder to hang in folds that show well from the rear; not an udder that seems to be stretched tight from the front to the rear attachments. The teats should be well developed and placed far apart, on an udder having good handling qualities and covered with fine silky hair.





"SOME BREEDERS SHOW ANIMALS OF TWO DIFFERENT TYPES IN EACH CLASS"

Last fall these two heifers were shown in the same class at a large number of fairs. The one on the left won first in her class six times, but the other one was placed first over her at an important show. Some judges like one type, others like another.

In the milch cow we must look for an udder that is uniform in development of the quarters, large, broad and well balanced, the quarters and halves closely connected so as to make the udder smooth on the under side—not divided. The udder should hang straight, be attached well forward and blend with the body, extending well to the rear between the legs, and attached high and full behind. The teats should be medium size and set far apart, the udder to be covered with a fine network of veins, the hair short, fine and silky. The udder when milked out should bespeak great quality.

The thighs should be thin, long and well arched so that the udder has plenty of room and is not pinched in. The legs should be clean cut, straight and somewhat short, with strong bones showing refinement. The flanks should be thin, high and well arched.

In the male we must look for about the same points, with masculinity predominating.

The neck should be long, clean cut, strong and show a well developed wind pipe, with a medium crest, denoting masculinity; the head larger than the female and of masculine appearance; the shoulders oblique, smooth and free from coarseness, somewhat round and close over the withers, but not as fine here as in the female.

The top line should be straight and a bit higher at the withers than at the hips, with prominent backbone; the vertebrae large and well spaced; the barrel, large, wide and long, with great depth from top line to under line, the under line to be straight; the ribs, flat, long, well spaced, and well sprung, showing great heart girth.

In the hind quarters we look for the same points as in the female; wide between the hips, length and levelness from hips to pin bones, a smooth setting of the tail head with a nice tapering tail, and a large fine-haired switch. We like to see the male cut up well behind, the thighs somewhat thin in proportion to the body, and great width through the thurls, with the flanks well arched.

The rudimentary teats should be placed well apart on a level line and forward of the scrotum. The milk veins should be prominent, branching and entering the body through several large milk wells. The hide we like to have as near like the female as possible.

It is hard to find these points as we would like them in all animals, some points being prominent and outstanding, while others are less prominent, but the good points may be strong enough to over-balance the weaker points. The horns may be coarse, or the hide heavy and not showing quality. This however, should not worry the breeder that is going to show, for by a "showman's skill" these things can be overcome. These things will be taken up later.

In selecting the herd we must keep uniformity of type in mind, so that when the animals are taken into the ring to be used in the herds and groups, they will be a uniform lot. This is true in the get of sire and produce of dam classes for uniformity goes a long way to get the head of the line with most judges. Another thing about the get of sire class, if it is possible to have four cows in milk of uniform type they are hard to beat and a judge will think a long time before he will turn them down.

Some breeders show herds with two animals in each class, having two different types in each class, so that if the judge does not like one type, the other type may please him, so after learning his type they always keep this type before him and arrange their herds and groups accordingly.

By referring to the premium list of the fairs to be made, we may pick the number of animals to go out on the circuit, to fill the classes, herds and groups. It is well to have one cow five years old or over, and one three years old, which can be used in the place of the aged cow if she does not stand up well in the open class, so that there is still one left to be used in the aged herd. At some fairs there are classes for cows five years old and over, four years and under five, and three years and under four, but it is not necessary to carry a four year old cow unless she is an outstanding individual or can be used in the get of sire, produce of dam, or for a milking or dairy herd of five cows in milk.

For the fairs that do not have all these classes—and it is only the big fairs that do, the five year old cow and the three year old cow are enough, for at most fairs they will show in the same class. One heifer two years old and under three, to be in milk, one senior and junior yearling heifer, two senior and two junior heifer calves.

When selecting always look for size for age, and in the selection of the milk cows bear in mind the time since last freshening, and also the time from the date of last service, or when she will freshen again. It is best to pick the cows that have not been fresh long and are giving a large flow of milk.

Sometimes a cow is outstanding, but the udder is not even, one quarter being larger than the other. The breeder must use his judgment here, for if the quarter is not too large it can be taken down sometimes using salt and lard working and rubbing it in, taking the quarter in the hands and working it between the fingers using plenty of lard. Hot salt

water baths applied to the quarter will sometimes help. If the quarter does not come down and it is not very large, it can sometimes be covered up in priming the cow for the ring, for there are a multitude of sins covered up in the cow's udder to-day in the show ring, but this will be taken up later on.

If it is not possible to send out a bull three years old or over, we must have one two years old and under three, for we must have a bull over two years old to head the aged herd. Now in the younger bulls the breeder may suit himself as to the number to take along, but it is well to have a few young bulls along that are for sale, for there is always a good chance to sell around the fairs, so they may be shown and always ready to fill a sale and in this way help to get rid of the surplus.

We have classes for yearlings, senior and junior calves; but always remember—uniformity in the selection, so that the bulls will work in to head the herds and groups.

THE NEW SCALE OF POINTS

SECRETARY, GUERNSEY CATTLE CLUB
Peterboro, New Hampshire

DEAR SIR:

At a special meeting of THE AMERICAN GUERNSEY CATTLE CLUB held at the National Dairy Show in 1914 a committee was appointed to revise the present scale of points. This committee consisted of the Executive Committee and in addition the following named gentlemen: Joseph L. Hope, Wm. M. Jones, F. E. Fox, Wm. L. Erbach and H. W. Griswold. This committee held a two day meeting in July, 1915, going to several farms and scoring cattle by the present scale, and after considerable deliberation, and especially with the advice of Mr. J. M. Codman, President Emeritus of the CLUB the following tentative scales were drawn up.

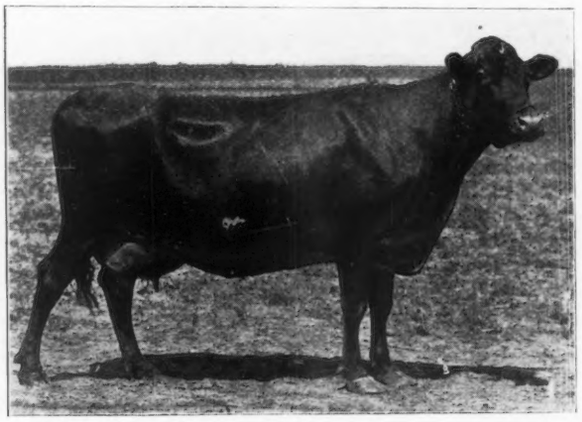
TENTATIVE SCORE-CARD AS ARRANGED BY COMMITTEE

SCALE OF POINTS FOR BULLS

HEAD	Clean cut, lean face, wide mouth and muzzle with open nostrils; full bright eye; forehead long and broad. (6)
NECK	Long masculine neck with strong crest and clean throat. (5)
SHOULDERS:	Backbone rising above shoulder blades withers moderately thick and not coarse. (5)
BACK:	Straight from withers to hips. (7)
HIPS:	Not coarse and over prominent; thin in-curving thighs. (5)
RUMP:	Long and continuing level with the back; also level between the hip bones and pin bones. (7)
CHEST:	Wide and deep with no depression back of shoulders. (5)
BODY:	Deep and long with well sprung ribs which are wide apart; thin arching flanks. (10)
HIDE:	Loose, thin and pliable, with oily feeling. (5)
RUDIMENTARIES:	Squarely and broadly placed; milk veins prominent. (5)
COLOR OF SECRETIONS:	Indicated by the depth of yellow, inclining toward orange, of the pigment secretions in the skin, on the body generally and especially discernible at the nose, in the ear, at the end of bone of tail, at the base of horns. (15)
COLOR MARKINGS:	Hair shade of fawn with white markings; hoofs amber colored; horns small and amber colored at base; cream colored nose. (6)
SIZE:	Mature bulls—1600 lbs. (4)
MASCULINITY (APPEARANCE):	Showing a great deal of vigor, style, alertness, and resolute appearance. (15)

SCALE OF POINTS FOR COWS

HEAD:	Clean cut, lean face, wide mouth and muzzle, with open nostrils; full bright eye with quiet gentle expression; forehead long and broad. (5)
NECK:	Long and thin; clean throat. (3)
SHOULDERS:	Backbone rising above shoulder blades; withers moderately thick and not coarse. (5)
BACK:	Straight from withers to hips; spinal column prominent. (7)
HIPS:	Not coarse and over prominent; thin in-curving thighs. (3)
RUMP:	Long and continuing level with the back; also level between the hip bones and pin bones. (7)
CHEST:	Wide and deep with no depression back of shoulders. (5)
BODY:	Deep and long with well sprung ribs which are wide apart; thin, arching flank. (10)
HIDE:	Loose, thin and pliable, with oily feeling. (3)
UDDER:	Veins prominent. (3)
	Attachment to body long and wide. (7)
	Extending well forward. (5)
	Level and well up behind. (5)



GRADE GUERNSEY LADY JANE

1914-1915 Farm record, 616 lbs. fat; 1915-1916 Official record, 16,572.0 lbs milk; 622.54 lbs. fat. Owned by Island Farms, Duluth, Minnesota

	Teats of good even size, far apart and squarely placed. (5)
MILK VEINS:	Long, crooked, branching and prominent with large deep wells. (5)
COLOR OF SECRETIONS:	Indicated by the depth of yellow, inclining toward orange, of the pigment secretion in the skin, on the body generally and especially discernable at the nose, in the ear, at the end of bone of tail, at the base of horns, and on the udder and teats. (15)
COLOR MARKINGS:	Hair shade of fawn with white markings; hoofs amber colored; horns small and amber colored at base. (5)
SIZE:	Mature cows, about 1100 pounds. (3)

Copies were submitted to each member of the committee and to several persons outside. Some very helpful comments were received from different persons, especially from James M. Codman and W. L. Erbach, Dr. J. E. Russell and J. R. Dice.

In our discussion of the different points the question arose as to whether or not we knew as much as we ought to know about the relation of the color of the skin secretion to the color of the milk and its products. The publishing of the scales we therefore held up until we could get some further light on this subject. Not nearly enough data is yet at hand but most of what we have tends to prove that what we believed to be the relation between these two things is true. We hope that before their final adoption we will have even more light on this subject.

Because of the expense of getting the whole committee together I called the Western members of the committee together about a month ago, and we carefully went over for two days the different points of the scales endeavoring to make statements more concise, and to make better arrangements of the points. It was agreed at the first meeting of the committee that the comments published with the present score-card were not all statements of fact, but are mostly opinion so that the comments now suggested are simply explanatory.

Following are the suggestions of the Western members of the committee.

Notes

In publishing this score-card we realize that it is now conceded that the best way to judge of the productive capacity of a cow is to test her.

Nevertheless we think some external characteristics indicate dairy capacity; therefore we try to combine the recog nition of these characteristics in this scale of points, with those that determine symmetry and uniformity.

We urge the adoption of this scale of points by judges in an effort to make the Guernsey breed more symmetrical and uniform and still not impair its usefulness.

Color

We recognize that the Guernsey varies in color from the very lightest shade of fawn, through the darker fawns, even to some black, but the prevailing opinion is that the most desirable color is a medium shade of fawn broken with white.

Color of Product

One of the important distinguishing features of the breed is the yellow color of the milk and its products, indicated by the presence of a yellow color in the pigment of the skin.

This is very pronounced, and held by this breed to the greatest extent under all conditions of stabling and feed.

Every effort should be made to maintain this characteristic.

It is recognized that this color is accompanied by a superior flavor in the milk and its products.

Scale of Points for Bulls

Anatomical Structure Indicating Dairy Conformation Constitution and Symmetry

HEAD:	Clean cut, lean face, wide mouth and muzzle, wide open nostrils and full bright masculine eye. Broad between the eyes and dishing	8
HORNS:	Small at base, medium length, not too branching	1
NECK:	Long masculine neck with strong crest and clean throat	4
WITHERS:	Backbone rising above shoulder blades, that are moderately thick and not coarse	3
BACK:	Straight from withers to hips	8
HIPS:	Wide apart, not too prominent	2
RUMP:	Long, continuing with level of the back, also level between hip bones and pin bones	6
THURLS:	Wide apart and high	2
CHEST:	Wide, and deep at heart, with little depression back of shoulders	6
BODY:	Deep and long, with well-sprung ribs which are wide apart. Thin arching flank	10
THIGHS:	Thin, in-curving seen from side, and wide apart from rear	2
LEGS:	Comparatively short, clean, wide apart, and nearly straight when viewed from behind, squarely set under body	2
HIDE:	Loose and pliable, and not thick, with oily feeling	5
TAIL:	Strong setting on, long, good switch	1
RUDIMENTARY TEATS AND VEINS:	Teats wide apart and squarely placed	3
MILK VEINS:	Long, crooked, branching and prominent, with large deep wells.	5
SECRETIONS INDICATING COLOR OF PRODUCT:	Indicated by the depth of yellow, inclining toward orange, of the pigment secretion of the skin on the body generally and especially discernible in the ear, at the end of bone of tail, around the eye, on the scrotum, and inside of thighs, and at base of horn. Hoofs and horns amber colored.	20
COLOR MARKINGS:	A shade of fawn with white markings	5
SIZE:	Mature bulls about 1600 pounds	7
		100

Scale of Points for Cows.

Anatomical Structure Indicating Dairy Conformation, Constitution and Symmetry

HEAD:	Clean cut, lean face, wide mouth and muzzle with open nostrils,

	full bright eye with gentle expression. Forehead long, broad between the eyes and dishing...	6
HORNS:	Small at base, medium length, not too branching.....	1
NECK:	Long and thin; clean throat....	2
WITHERS:	Backbone rising above shoulder blades that are moderately thick and not coarse.....	3
BACK:	Straight from the withers to hips	8
HIPS:	Wide apart, not too prominent..	2
RUMP:	Long, continuing with level of the back, also level between hip bones and pin bones.....	5
THURLS:	Wide apart and high	2
CHEST:	Wide, and deep of heart, with little depression back of the shoulders	4
BODY:	Deep and long, with well sprung ribs which are wide apart. Thin arching flank.....	10
THIGHS:	Thin, in-curving seen from side, and wide apart from rear.....	2
LEGS:	Comparatively short, clean, wide apart, and nearly straight when viewed from behind, squarely set under body	2
HIDE:	Loose and pliable, and not thick, with oily feeling	3
TAIL:	Strong setting on, long, good switch	1
UDDER:	Veins prominent.....	2
	Attachment to body long and wide.....	2
	Extending well forward	5
	Level and well up behind	4
	Teats of good even size, well apart and squarely placed.....	5
MILK VEINS:	Long, crooked, branching and prominent, with large deep wells.	4
SECRETIONS INDICATING COLOR OF PRODUCT:	Indicated by the depth of yellow, inclining toward orange of the pigment secretion in the skin, on the body generally, and especially discernible in the ear, at the end of bone of tail, around the eye, on the udder and teats and at the base of horns. Hoofs and horns amber colored.....	20
COLOR MARKINGS:	A shade of fawn, with white markings.....	2
SIZE:	Mature cows about 1110 pounds in milking condition	5
		100

To the above score add one point for each 50 pounds of fat, above requirements, on any cow qualified for the Advanced Register.

I asked Prof. Humphrey of the University of Wisconsin to meet with us at the time but he was unable to do so and I sent him copies of these score-cards and he replied with the following very helpful comments and suggestions.

MR. CHAS. L. HILL,
Rosendale, Wis.

MY DEAR MR. HILL:

I was out of town when your letter of the 7th inst. and the tentative scales for Guernsey cattle came to the office. I have been much interested in looking them over and to the extent that I called Mr. Harris and Mr. Oosterhuis to confer with me in going over the scales with an idea of offering such suggestions as might be helpful in your work. We feel that your Committee has done very well and there are only a few points which we have felt were not quite clear as they are described for bulls and cows.

To present our point of view, we have prepared a modified scale of points which we are glad to submit for any assistance it may be in coming to the final adoption of a scale of points by your Committee. In the case of bulls we questioned about the length of the head. There is a marked variation as you realize in the length of the heads of various bulls and while it may have been the intention of the Committee to ignore the matter of length, you will note that we have suggested medium to long.

In view of the fact that the back bone proper does not rise above the shoulder blades, we have used the term chine rather than back bone, in discussing withers. The question also arose with reference to the term "thin arching flank" which commonly used, does not in our opinion, express the kind of flank we like to see in a dairy cow. You are familiar with Glenwood Girl 6th, which has always been our ideal with the reference to depth of body and character of flanks. The term "deep and full" applies to both her rear and fore flanks and such flanks add to body capacity, while thin, arching flanks detract from the depth of body and capacity.

There was no agreement on the part of our Committee as to what was meant by incurving thighs seen from the side. Two of us agreed that it referred to the incurving condition at the rear of the flank above the hock, and one that it referred to the incurving condition on the outer side. Both incurving conditions indicate dairy form and disposition and you will note the statement we have used to prevent any misunderstanding. The description of legs seemed difficult and I am not sure that we have improved any upon the statement made by your committee. We noted that you made no reference to the placement of the rudimentary teats, possibly for good reasons, although our committee have become imbued with the idea that their being free from the scrotum is important.

The question often asked concerning the meaning of pigment, has led to our adoption of the term color. We have also made a slight variation in the enumeration of parts of the animal. We have mentioned the matter of size and color as a first consideration which seems the logical thing to do and which I think most of us naturally do in judging an individual or class of individuals. We have also mentioned body and chest after back with the idea that perhaps it would be easier to consider these parts before taking up parts referring to the hind quarters of the animal than it otherwise would.

I am sure that it has been a pleasure to go over this matter and offer our suggestions for whatever they are worth to the committee.

Very truly yours,

GEO. C. HUMPHREY,
Animal Husbandman.

SCALE OF POINTS FOR BULLS

SIZE:	Mature Bulls 1600 lbs.....	7
COLOR:	Shade of fawn with white markings.....	4
HEAD:	Medium to long, clean cut, lean face, wide muzzle, open nostril and full, bright masculine eye. Broad and dishing between the eyes. Broad and dishing between the eyes	8

(Continued on Page 430)

GUERNSEY HOME FARM AUCTION SALE

84 Ohio Guernseys Average $250 Each

H. C. McCAMON & SON, proprietors of Guernsey Home Farm, are to be congratulated upon the conditions attending their sale of imported Guernseys on May 29. The stock was in tip-top condition. The sale was held on the upper floor of the barn in the presence of at least 300 people, who were comfortably seated and well taken care of. There never has been offered a cleaner lot of imported heifers or one in better condition than this one.

Eighty-four head were sold, of which four were aged cows, four bull calves, and the remaining seventy-six were imported heifers not in milk, most of which were between the ages of one and two years. The eighty-four head sold for a total of $21,050 or an average of $250.60 each. The four bull calves sold for an average price of $142.50 each. The four aged cows did not bring any where near the price they were worth, averaging only $260 each. The seventy-six heifers averaged $255.80. Most of them were bred to the two herd sires at the farm. The senior sire, Festa's May Masher 28997, is a son of Jardiniere's Masher 20957, and out of an Advanced Register daughter of King Francis 13500, A. R. The junior sire, Hayes Raider of Waddington 36355, is a son of Imp. Border Raider 22243 and Imp. Hayes Imperiale II. 23489 A. R. 1122, a granddaughter of both Harley of Chitral 1182 P. S. and Merry Anton 8337 A. R.

The highest prices of the sale were given for two especially choice two year olds. Imp. May Balan of Mara Alva 69445, a daughter of Butter Lad of the Braye II. 3020 P. S., brought $500. She was bred to the yearling bull, Imp. Governor's King of Mara Alva 40565, sired by Governor of the Corbinez 3302 P. S., and out of a daughter of Imp. Pride of Day 17126. He was sold in this sale to J. H. Silvis of Greensburg, Pa.

The other heifer, a daughter of Governor of the Chene 1297 P. S. sold for $400. Both were purchased by Frank G. Bowman, of Elkton, Ohio.

The auctioneers, Fred W. Andrews and Son of New Philadelphia, Ohio, did some hustling, for eighty-four head are a good many to be sold in one afternoon. C. L. Hill of Rosendale, Wisconsin, who imported most of the lot, gave a short descriptive talk of the Island animals, occurring with greatest frequency in the pedigrees. A large number of the heifers are daughters of the following bulls: Governor of the Chene 1297 P. S., Honoria's Sequel II. 2816 P S., Governor II. of Myrtle Place 2746 P. S., Governor of the Corbinez 3302 P. S., Governor of Balmoral 151 P. S., Nelson of the Cachelerie 174 P. S., Governor of the Vanquiedor 2929 P. S., and Brilliant de la Seigneurie 3203 P. S.

A detailed list of sales follows:

Beauty of Randolph 34111—Joseph Hall, Salem, Ohio	$220
Masher's Bess 38029—C. H. Drissen, Youngstown, Ohio	260
Heifer Calf—J. J. Jackson, Garrettsville, Ohio	145
Uneeda Maid 26195—Christ Warner	205
Uneeda May King—Walter Hudson, Sparks, Md.	90
Laurion 33158—Joseph Hall	355
Imp. Governor's King of Mara Alva 40565—J. H. Silvis, Greensburg, Pa.	280
Imp. Fanny May of Mara Alva 69440—W. P. Craig, Pittsburg, Pa.	300
Imp. Governor's Flora of Mara Alva 69441—J. J. Jackson	355
Imp. Sir Henry's Amata of Mara Alva 69456—Paul Lowe, Garrettsville, Ohio	340
Imp. Dane of the Belles of Mara Alva 69459—Roy E. Spencer, Chardon, Ohio	340
Imp. Brilliant Rosy of Mara Alva 69455—Lyle B. Harris, Lisbon, Ohio.	230
Imp. Sequel's Miriam of Mara Alva 69454—D. N. App, Selinsgrove, Pa.	325
Imp. Varclin of Mara Alva 69442—G. A. Marks, Louisville, Ohio	330
Imp. Le Gele's May of Mara Alva 69463—W. S. McBane, East Liverpool, Ohio	330
Imp. Honoria's Queen of Mara Alva 69446—F. G. Bowman, Elkton, Ohio	345
Imp. Sequel's Nelly of Mara Alva 69448—W. P. Craig	305
Imp. Tulipa of Mara Alva 69691—Walter H. Wilson Sparks, Md.	310
Imp. Beauty of the Belles of Mara Alva 69447—A. C. Ramseyer, Smithville, Ohio	280
Imp. May Balan of Mara Alva 69445—Frank G. Bowman	500
Imp. Violet May of Mara Alva 69453—D. N. App	255
Imp. Lily's Delight of Mara Alva 69462—A. C. Ramseyer	250
Imp. Governor's Buttercup of Mara Alva 69444—F. G. Bowman	400
Imp. Governor's Daughter of Mara Alva 68105—W. S. McBane	360
Imp. Golden Fairy of Mara Alva 68133—Walter H. Wilson	290
Imp. Nelly's Daughter of Mara Alva 69456—G. A. Marks	275
Imp. Maid of Mara Alva 69461—Lyle B. Harris	250
Imp. Rosie May of Mara Alva 68096—D. N. App	230
Imp. Rosette of Mara Alva 68112—D. N. App	315
Imp. Flower May of Mara Alva 68114—Rolin Brinker Lisbon, Ohio	320
Imp. Topsy of the Fountain of Mara Alva 69450—J. A. Finney, Rogers, Ohio	260
Imp. Sweet Marie of Mara Alva 68130—Rinehart Bros., Liverpool, Ohio	220
Imp. Rosie Belle of Mara Alva 68082—C. A. Sherwood, Hilliards, Ohio	205
Imp. Golden Belle of Mara Alva 68120—W. D. Montgomery, Triadelphia, Ohio	205
Imp. Daisy of Mara Alva 68087—G. A. Marks	230
Imp. Hybrid's Clara of Mara Alva 68121—Walter H. Wilson	275
Imp. Maple Lodge Daughter of Mara Alva 68111—Geo. McCamon, Elkton, Ohio	260
Imp. Dulcemona of Mara Alva 68119—G. A. Marks	325
Imp. Lisle's Belle of Mara Alva 68127—Thos. B. Whinnery, Adena, Ohio	200
Imp. Lisle's Bella of Mara Alva 68126—Thos. B. Whinnery	200
Imp. Primula of Mara Alva 68106—Rinehart Bros.	250
Imp. Governor's Pansy of Mara Alva 68129—G. A. Marks	210
Imp. Lisle's Lily of Mara Alva 68107—J. H. Silvis	230
Imp. Governor's Violet of Mara Alva 68115—G. A. Marks	205
Imp. Tol Val of Mara Alva 68089—G. M. Bixler, Navarre, Ohio	210

Imp. Brilliant Jewell of Mara Alva 68109—O. F. Sidwell, Salem, Ohio 220
Imp. Dairy's Pride of Mara Alva 69445—D. N. App 270
Imp. Betty of Mara Alva 68088—P. B. Horst, Dalton, Ohio 240
Imp. Glow's Brilliant of Mara Alva 68124—G. A. Marks 210
Imp. Mara Bird of Mara Alva—G. A. Marks 200
Imp. Eva May of Mara Alva 69458—A. C. Ramseyer 250
Imp. Minerva of Mara Alva 69451—W. S. McBane 325
Imp. Brilliant's Daughter of Mara Alva 69449—G. A. Marks 230
Imp. May Boy's Queen of Mara Alva 69452—G. A. Marks 225
Imp. Louvain of Mara Alva 68085—G. A. Marks 255
Imp. Governor's Lisle's Rose of Mara Alva 68110—Lyle B. Harris 225
Imp. Grace May of Mara Alva 68094—W. S. McBane 270
Imp. Governor's Marie of Mara Alva 68118—O. F. Sidwell 250
Imp. Souris of Mara Alva 68117—G. A. Marks 205
Imp. Miss Mabel of Mara Alva 68125—Rinehart Bros. 220
Imp. Emblem's Daisy of Mara Alva 68122—Joseph Hall 200
Imp Ladybird of Mara Alva 68086—Fred W. Floding, Leetonia, Ohio 210
Imp. Judy May of Mara Alva 68093—J. F. McBane, East Liverpool, Ohio 205
Imp. Princess Blaye of Mara Alva 68095—Lyle B. Harris 200
Imp. Sally Marie of Mara Alva 68081—J. S. Yoder, Wooster, Ohio 240
Imp. Buttercup of Mara Alva 68141—W. W. McCalmont, McDonald, Pa. 205
Imp. Rosy Esther of Mara Alva 68101—Fred W. Floding 200
Imp. Anna of Mara Alva 69214—W. F. Stooksberry & Son, Lisbon, Ohio 290
Imp Sequel's Nancy of Mara Alva 68135—W. P. Craig 265
Imp. Grace of Mara Alva 68132—R. W. Myers, Rising Sun, Ohio 215
Imp. Rougette of Mara Alva 68149—Fred W. Floding 210
Imp. Lady's Maid of Mara Alva 68140—J. C. Billingsley 200
Imp. Bella Clairmont of Mara Alva 68136—Fred K. Babson, Hinsdale, Ill. 275
Imp. Polly Camp of Mara Alva 68154—Fred W. Floding 225
Imp. Favorite of Mara Alva 68148—Fred W. Floding 215
Imp. Hume's Pride of Day of Mara Alva 68147—Fred W. Floding 205
Imp. Tulip of Mara Alva 68099—Rinehart Bros. 200
Imp. Queen Daisy of Mara Alva 68137—J. H. Silvis 230
Imp. Primrose Beauty of Mara Alva 68098—Fred W. Floding 220
Imp. Ladysmith of Mara Alva 68131—Fred W. Floding 250
Imp. Beatrice of Mara Alva 68152—Fred W. Floding 230
Imp. Sequel's Rosebud of Mara Alva 68138—D. N. App 290
Beauty's May King 100
Bull Calf 100

Advanced Register Records Completed and Approved From May 15 to May 31, 1917

These records are all made on the two day test basis except where especially noted

Dream of Hope Farm 41264, A. R. 5192, owned by W. B. Douglas, Ferndale, Wash. Record:—9413.7 lbs. milk; 405.82 lbs. b. f. 3 yrs. 10 mos. old.

Raider's Rose of Waddington 48269, A. R. 5193, owned by E. W. Oglebay, Wheeling, W. Va. Record:—9250.9 lbs. milk; 477.86 lbs. b. f. 2 yrs. 4 mos. old.

Friendship Bluebell 30990, A. R. 5194, owned by A. A. Thompson, Uniontown, Pa. Record:—7076.5 lbs. milk; 418.16 lbs. b. f. 5 yrs. 1 mo. old.

Jethro's Fillpail 39619, A. R. 5195, owned by A. A. Thonpson, Uniontown, Pa. Record:—8661.1 lbs. milk; 445.50 lbs. b. f. 2 yrs. 7 mos. old.

Imp. Alicia of Linwood 51562, A. R. 5196, owned by W. J. Higdon, Tulare, Cal. Record:—7103.7 lbs. milk; 388.41 lbs. b. f. 3 yrs. 5 mos. old (1 day test).

Imp. Governor of the Chene's Giffard 44454, A. R. 5197, owned by W. J. Higdon, Tulare, Cal. Record:—9731.8 lbs. milk; 436.09 lbs. b. f. 3 yrs. 5 mos. old (1 day test).

Imp. Byon of Ore Hill 48089, A. R. 5198, owned by W. J. Higdon, Tulare, Cal. Record:—9358.1 lbs. milk; 441 52 lbs b. f. 2 yrs. 10 mos. old (1 day test).

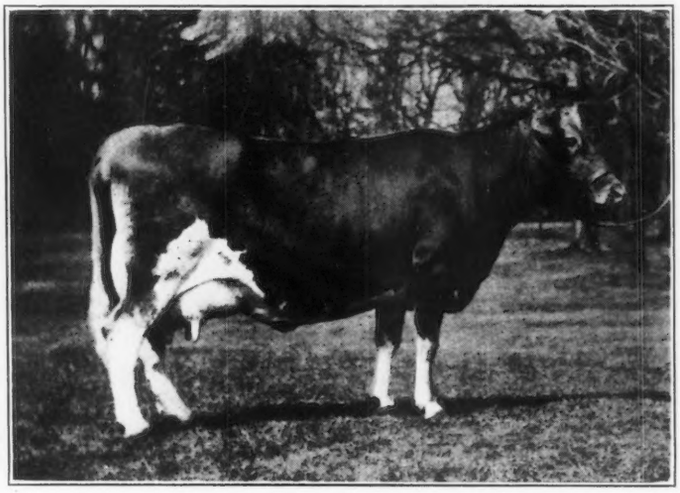
Imp. Governor of the Chene's Herald Queen 44459, A. R. 5199, owned by W. J. Higdon, Tulare, Cal Record:—10017.0 lbs. milk; 487.27 lbs. b. f. 3 yrs. 1 mo. old (1 day test).

Lynbrook Farm's Archeress 47566, A. R. 5200, owned by T. P. Lindsay, Southboro, Mass. Record:—9040.6 lbs. milk; 405.09 lbs. b. f. 2 yrs. 5 mos. old.

Imp. Amelia of Linwood 51566, A. R. 5201, owned by W. J. Higdon, Tulare, Cal. Record:—8973.3 lbs. milk; 429.05 lbs. b. f. 3 yrs. 6 mos. old.

Imp. Primula of Sarnia 40207, A. R. 5202, owned by Charles L. Hill, Rosendale, Wis. Record:—7335.5 lbs. milk; 411.84 lbs. b. f. 6 yrs. 2 mos. old (1 day test).

Freesia's Corona Lass 43050, A. R. 5203, owned by Oregon Agricultural College, Corvallis, Oregon. Record:—7872.1 lbs. milk; 363.41 lbs. b. f. 3 yrs. 2 mos. old.



IMP. GLADYS OF BLAYE FARM 40197

Sire—Nelson II. R. A. A. S. 52 P. S.
Dam—Blue Bell of the Preel R. A. A. S. 574 F. S.
Owned by Chas. L. Hill, Rosendale, Wis.

Alcina of Upper Freehold 38469, A. R. 5204, owned by Oregon Agricultural College, Corvallis, Oregon. Record:—7358.6 lbs. milk; 390.70 lbs. b. f. 4 yrs. 6 mos. old.

Imp. Violette of the Isle 2d 50419, A. R. 5205, owned by Joseph I. France, Port Deposit, Md. Record:—6982.2 lbs. milk; 382.00 lbs. b. f. 3 yrs. old.

Shilotta Maid's Pearl 32727, A. R. 5206, owned by Glenn Clark, Eau Claire, Mich. Record:—9709.6 lbs. milk; 569.08 lbs. b. f. 5 yrs. 11 mos. old.

Casterilius Jane of Fairview 46624, A. R. 5207, owned by L. J. Byers & C. C. Barnes, Coldwater, Mich. Record:—7334.4 lbs. milk; 331.09 lbs. b. f. 3 yrs. 1 mo. old.

Queen Inez of Fairview 45848, A. R. 5208, owned by L. J. Byers & C. C. Barnes, Coldwater, Mich. Record:—7052.9 lbs. milk; 355.14 lbs. b. f. 2 yrs. 9 mos. old.

Lottie of Birchwood 52207, A. R. 5209, owned by M. L. Welles, Rosendale, Wis. Record:—5450.0 lbs. milk; 285.74 lbs. b. f. 2 yrs. 2 mos. old (1 day test).

Imp. Minette of the Niaux 44187, A. R. 5210, owned by Jean Du Luth Farm, Inc., Duluth, Minn. Record:—8713.3 lbs. milk; 526 07 lbs. b. f. 3 yrs. 11 mos. old.

Katydid of Birchwood 52206, A. R. 5211, owned by M. L. Welles, Rosendale, Wis. Record:—5926.4 lbs. milk; 319.16 lbs. b. f. 2 yrs. 2 mos. old (1 day test).

Lorna of Birchwood 51826, A. R. 5212, owned by M. L. Welles, Rosendale, Wis. Record:—8053.9 lbs. milk; 398.94 lbs. b. f. 2 yrs. 2 mos. old (1 day test).

Imp. Fanny of Waddington 30741, A. R. 5213, owned by W. S. McBane, East Liverpool, Ohio. Record:—8590.6 lbs. milk; 369.96 lbs. b. f. 6 yrs. 7 mos. old (1 day test).

Sequel of Overland View 41857, A. R. 5214, owned by W. S. McBane, East Liverpool, Ohio Record:—7071.0 lbs. milk; 326.50 lbs. b. f. 3 yrs. 7 mos. old (1 day test).

Sunday's Tabernacle of Overland View 41858, A. R., owned by W. S, McBane, East Liverpool, Ohio. Record:—8342 9 lbs. milk; 486.11 lbs. b. f. 3 yrs. 5 mos. old (1 day test).

Raider's Lily of Waddington 48109, A. R. 5216, owned by E. W. Oglebay, Wheeling, W. Va. Record:—9660.2 lbs. milk; 490.92 lbs. b. f. 2 yrs. 7 mos. old.

Raider's Retta of Waddington 51409, A. R. 5127, owned by E. W. Oglebay, Wheeling, W Va. Record:—8511.3 lbs. milk; 417.17 lbs. b. f. 2 yrs. 1 mo. old.

Anna of Elmhurst 47617, A. R. 5218 owned by Frank M. Smith, Springfield, Center, N. Y. Record:—11522.4 lbs. milk; 532.99 lbs. b. f. 2 yrs. 3 mos. old.

Bessie Marshall 30356, A. R. 5219, owned by George S. Smith, Monmouth, Maine. Record:—10945.4 lbs. milk; 531.89 lbs. b. f. 7 yrs. 3 mos. old (1 day test).

Imp. Butter Girl of Sarnia 40247, A. R. 5220, owned by George S. Smith, Monmouth, Maine. Record:—7562.9 lbs. milk; 382.18 lbs. b. f. 4 yrs. 4 mos old (1 day test).

Imp. Brunette IV. du Mont Marche 53616, A. R. 5221, owned by R. H. Dutton, Colmar, Pa. Record:—8080,4 lbs. milk; 393.36 lbs. b. f. 3 yrs. old.

Imp. Saunders III. 53628, A. R. 5222, owned by R. H. Dutton, Colmar, Pa. Record:—7736.4 lbs. milk; 438.99 lbs. b. f. 2 yrs. 8 mos. old.

Imp. Jolly 53634, A. R. 5223, owned by R. H. Dutton, Colmar, Pa. Record:— 6997.4 lbs. milk; 391.70 lbs. b. f. 2 yrs. 5 mos. old.

Imp. Beauty II. of the Caillioterie 47116, A. R. 5224, owned by R. H. Dutton, Colmar, Pa. Record:—9685.5 lbs. milk; 472.58 lbs. b. f. 4 yrs. 2 mos. old.

Imp. Stedman IV. 53651, A. R. 5225, owned by R. H. Dutton, Colmar, Pa. Record:—7030.3 lbs milk; 340.60 lbs. b. f. 2 yrs. 3 mos. old.

Imp. Simrose of Elmpines 51362, A. R. 5226, owned by J. G. Sherman, Greenwich, N. Y. Record:—9188.0 lbs. milk; 416.15 lbs. b. f. 1 yrs. 10 mos. old.

Fillmore's Noanette 40979, A. R. 5227, owned by Charles H. Jones, Wellesley Farms, Mass. Record:—13677.8 lbs. milk; 661.15 lbs. b. f. 3 yrs. 8 mos. old.

Imp. Blanchflower XX. 47923, A. R. 5228, owned by C. L. A. Whitney, Albany, N. Y. Record:—13553.7 lbs. milk; 687.93 lbs b. f. 3 yrs. 2 mos. old.

Robert's Primrose of Dellwood 46826, A. R. 5229, owned by Rush Taggart, New Canaan, Conn. Record:— 7476.9 lbs. milk; 386.21 lbs. b. f. 2 yrs. 7 mos. old.

Florham Ivy 49031, A. R. 5230, owned by J. Amory Haskell, Red Bank, N. J. Record:—10230.7 lbs. milk; 496.85 lbs. b. f. 2 yrs. 8 mos. old.

Woodland Maid 27690, A. R. 5231, owned by Roy C. Buzzell, Stanley, Wis. Record:—8967.5 lbs. milk; 451.75 lbs. b. f. 7 yrs. old.

Imp. Coggins VII. 43643, A. R. 5232, owned by Roy C. Buzzell, Stanley, Wis. Record:—10510.7 lbs. milk; 505.58 lbs. b. f. 4 yrs 4 mos. old.

RE-ENTRIES

Glendetta Marshall 25402, A. R. 1608, Re-entry, owned by Albert C. Loring, Minneapolis, Minn. Record:—9112.7 lbs. milk; 458.73 lbs. b. f. 7 yrs. 10 mos. old.

Mayflower Marshall 24703, A. R. 1609, Re-entry, owned by Albert C. Loring, Minneapolis, Minn. Record:—9995.3 lbs. milk; 536.68 lbs. b. f. 7 yrs. 11 mos, old.

Imp. Manor View Gully 40611, A. R. 2348, Re-entry, owned by Charles H. Jones, Wellesley Farms, Mass. Record:— 13006.8 lbs. milk; 727.09 lbs. b. f. 8 yrs. 5 mos. old.

Primana of Woodend 32242, A. R. 2416, Re-entry, owned by Albert C. Loring, Minneapolis, Minn. Record:—11221.2 lbs. milk; 601.65 lbs. b. f. 5 yrs. 11 mos. old.

Bessie Ramee 33510, A. R. 2613, Re-entry, owned by Hugh Bancroft, Boston, Mass. Record:—15138.6 lbs. milk; 738.25 lbs. b. f. 5 yrs. 4 mos. old.

Fillmore's Mary May 34295, A. R. 2640, Re-entry, owned by Charles H. Jones, Wellesley Farms, Mass. Record:—13301.3 lbs. milk; 657.89 lbs. b. f. 5 yrs. 2 mos. old.

Miss of St. Louis 2d 32977, A. R. 2961, Re-entry, owned by Iowa State College, Ames, Iowa. Record:—12101 5 lbs. milk; 618.65 lbs. b. f. 5 yrs. 11 mos. old.

Benton Harbor's Violet 38377, A. R. 3597, Re-entry, owned by O. R. Schwalen, Roberts, Wis. Record:—7168.7 lbs. milk; 385.63 lbs. b. f. 4 yrs. 2 mos. old (1 day test).

Katonah's Fillpail 42573, A. R. 4014, Re-entry, owned by George C. Stone, Twig, Minn. Recore:—9011.0 lbs. milk; 446.04 lbs. b. f. 3 yrs. 6 mos. old.

List of Bulls Admitted to the Advanced Register from May 15 to May 31, 1917

ARGO OF WASTELAND 10452, A. R.

WADDINGTON SUNRISE 16815, A. R.

GOVERNOR OF THE VAUQUIDOR, R. G. A. S. 2929 P. S., A. R.

SEQUEL'S DELIGHT R. G. A. S. 2442 P. S., A. R.

WHY THE "IOWA" CREAM SEPARATOR WON AT THE PANAMA

This illustration shows the action on the globules of butterfat by the patented "CURVED DISCS," and the "straight" discs. Note that no butterfat globules reach the outer edge of the "CURVED DISCS."

Dairy Farmers were greatly interested in the International Skimming Contest held at the Panama-Pacific Exposition. And rightly so. A Jury of the World's Dairy Experts was chosen to conduct a practical skimming test and determine which Separator skims closest—the most profitable for the farmer to use.

Many standard Separators entered the contest. The Babcock test accurately registered the result of each Separator. The Jury, after carefully reading all tests, saw how completely the "IOWA" outskimmed all other competing Separators, and stated in the "IOWA" Diploma of Award: —**"the 'CURVED DISC' has shown, under tests made by the Jury, EXCEPTIONAL EFFICIENCY in skimming milk —and this improvement is considered of GREAT VALUE to users of these machines."**

Dairy Farmers now KNOW which Separator is the closest skimmer. The World's Dairy Experts say it is the "IOWA"—the only Separator equipped with

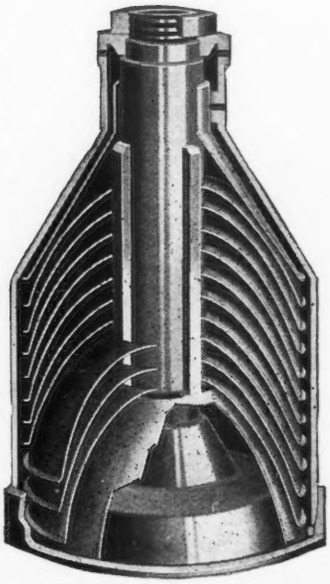
THE "CURVED DISC" BOWL

Compare the patented "CURVED DISC" of the "IOWA" with the "straight disc" found in ordinary Separators. (See diagram above.) Note that the spacing and the angle of the "straight discs" are the same throughout. The space between the "CURVED DISCS" gradually becomes narrower and steeper toward the outer edge. This feature produces a stronger separating action where it is required, and secures every particle of the valuable butterfat.

The "CURVED DISC" means a smaller and more compact bowl, therefore a lighter running machine. With a small bowl there is less wear on the gears and bearings, which means a more durable and serviceable Separator.

Thousands of skimming tests all over the country; hundreds of thousands of satisfied users of the "IOWA" Cream Separator, and the ever increasing demand—prove that the "IOWA" is the Separator for every Dairy Farmer.

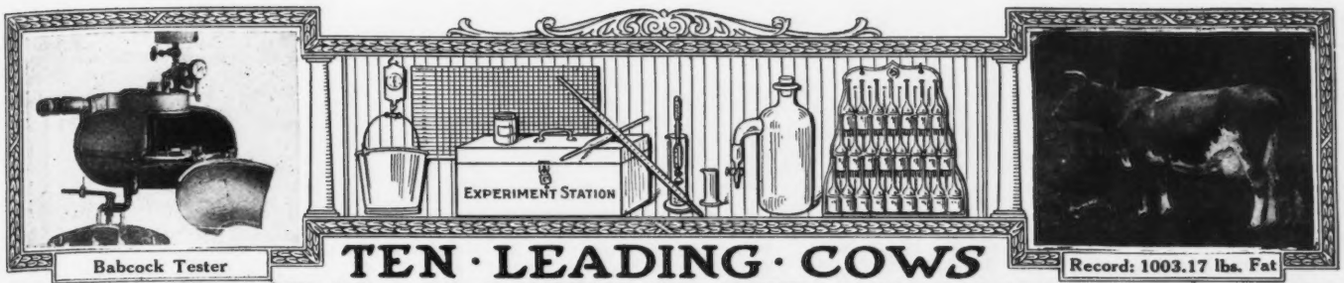
Let us send you "Expert Testimony," a booklet telling the story of the "CURVED DISC" Bowl. Write for it at once. Address Department 11.



The Famous "CURVED DISC" Bowl

ASSOCIATED MANUFACTURERS COMPANY
WATERLOO, IOWA.

Manufacturers of famous "CHORE BOY" Line of Gasoline and Kerosene Engines



Babcock Tester

Record: 1003.17 lbs. Fat

TEN · LEADING · COWS IN · THE · SEVERAL · CLASSES · IN · THE · ADVANCED · REGISTER

CLASS A—FIVE YEARS AND OVER

	Lbs. Milk	Lbs. B. Fat		Lbs. Milk	Lbs. B. Fat
Murne Cowan 19597 A. R. 1906	24008.0	1098.18	Julie of the Chene 30460 A. R. 2752	17661.0	953.53
May Rilma 22761 A. R. 1726	19673.0	1073.41	Belladia 31909 A. R. 2801	19631.9	934.05
Langwater Hope 27946 A. R. 1978	19882.0	1003.17	Imp. Daisy Moon III. 28471 A. R. 1909	18019.4	928.39
Yeksa's Tops of Gold's Fannie 22362, A. R. 2394	19794.9	981.53	Miranda of Mapleton 19606 A. R. 914	16630.7	927.16
Spotswood Daisy Pearl 17696 A. R. 790	18602.8	957.38	Imp. Dora II. of les Marais 37737 A. R. 1999	16664.5	904.71

CLASS B—FOUR AND ONE-HALF TO FIVE YEARS

Dairymaid of Pinehurst 24656 A. R. 843	17285.3	910.67	Glenanaar of the Glen 23619 A. R. 1907	16813.1	780.66
Julie of the Chene 30460 A. R. 2752	15174.2	827.26	Lady Dairymaid of Pinehurst 29723 A. R. 2106	14770.0	769.58
Lady Lesbia 25142 A. R. 1348	13582.8	787.03	Linden Girl 42762 A. R. 3607	14682.8	747.45
King's Alberta 33788 A. R. 2555	13954.9	785.61	Ximesses M. 35845 A. R. 4836	15359.8	733.13
Pandora's Valentine of Rich Neck 27622 A. R. 1742	14341.6	784.22	Lime Girl 33441 A. R. 3443	15264.5	728.68

CLASS C—FOUR TO FOUR AND ONE-HALF YEARS

Azucena's Pride 2d 24957 A. R. 1469	16203.9	855.70	Imp. Beauty II. of the Coutanchez 28465 A. R. 2081	13513.9	748.81
Governor's Pauline 30472 A. R. 2441	14930.0	844.47	Stella's Favorite 2d 29167 A. R. 2283	14529.6	719.23
Polly's Beauty 35078 A. R. 2911	16629.8	774.40	Imp. Nettie of the Hubits 44181 A. R. 4958	12556.9	718.97
Imp. Dora II. of Les Marais 37737 A. R. 1999	15434.9	770.38	Noblesse 3d 37942 A. R. 2908	12399.5	717.67
Pauline Standish 33533 A. R. 3308	15870.6	757.21	Triple Champion's Marva 30001 A. R. 2400	14370.3	703.27

CLASS D—THREE AND ONE-HALF TO FOUR YEARS

Dolly Dimple 19144 A. R. 628	18458.8	906.89	Imp. Rosie V. of the Bourg de Bas 36380 A. R. 2802	14065.1	755.07
Mignonette of Rich Neck 36828 A. R. 3054	14304.9	800.77	Rose of Langwater 24204 A. R. 1445	15008.2	751.62
Langwater Dorothy 27944 A. R. 1822	16099.7	781.65	Imp. Ma Charmante 6th 31925. A. R. 1995	15149.8	740.20
Imp. Princess of the Blicqs 28485 A. R. 1908	12608.8	774.16	Imp. Daisy Moon III. 28471 A. R. 1909	12489.9	710.70
Nella Jay 4th 38233 A. R. 3194	16039.9	769.33	Brightness of Glenburnie 30742 A. R. 1961	12858.6	709.95

CLASS E—THREE TO THREE AND ONE-HALF YEARS

Jehanna Chene 30889 A. R. 2588	16186.7	863.36	Langwater Desire 40709 A. R. 4877	14219.8	708.69
Dairymaid of Pinehurst 24656 A. R. 843	14562.4	860.40	Fleurette of Riverside Farm 36286 A. R. 2930	13665.5	689.56
Glenwood's Buttercup 48137 A. R. 3224	13728.9	769.82	Imp. Blanchflower XX. 47923 A. R. 5228	13553.7	587.93
Masher's Elsie 24986 A. R. 1967	14458.7	745.75	Sweet Maria 25151 A. R. 1803	12542.5	682.86
Miranda of Edgewater 30970 A. R. 2363	14617.3	730.49	Imp. Darling of Ida Cottage 44578 A. R. 3566	12731.6	668.63

CLASS F—TWO AND ONE-HALF TO THREE YEARS

Langwater Hope 27946 A. R. 1978	15078.8	773.59	May Belle of Linda Vista 29679 A. R. 2134	11981.8	653.02
Azucena's Pride 2d 24957 A. R. 1469	12633.3	706.46	Imp. Rose des Houards 59th 44975 A. R. 3901	13522.8	643.11
Linden Girl of Harbor Hill 3d 58625 A. R. 4651	12636.9	681.34	Yeksarose 16610 A. R. 472	11275.5	638.49
Rose of Langwater 24204 A. R. 1445	12966.5	669.89	Janet of Oakhurst 45297 A. R. 5071	11006.0	617.76
Imp. Buttercup II. of Beauregard 35799 A. R. 2638	10623.3	659.71	Imp. Rouge II. of the Brickfield 28335 A. R. 1198	10963.0	612.53

CLASS G—TWO TO TWO AND ONE-HALF YEARS

Cherry of Edgewater 38413 A. R. 3361	13454.2	732.97	Golden Elsie 2d 33422 A. R. 2274	13409.0	672.94
Nella Jay 4th 38233 A. R. 3194	14772.7	726.32	Princess Deasie 36703 A. R. 2275	11943.1	666.22
Pearl Rose of the Glen 47414, A. R. 4900	12378.8	711.43	Nellie Tostevin of Mapleton 3d 30318 A. R. 2121	11675.9	664.01
Nugget's Primrose 48835 A. R. 4001	15436.1	705.56	Imp. Bonnie of Anna Dean Farm 46953 A. R. 3195	12785.4	657.87
Dolly Dimple 19144 A. R. 628	14009.1	703.36	White Wing of Edgewater 38489 A. R. 3504	13538.5	653.14

AVERAGE YIELD OF 70 CLASS LEADERS 14738.12 LBS. MILK; 769.76 LBS. BUTTER FAT; 5.22 PER CENT.

The above is as they appeared June 1, 1917.

Summary of 6005 Advanced Register Records.

	Records	Lbs. Milk	Lbs. B. F.	Per Cent.
Class A	1748	10249.68	503.77	4.914
Class B	345	9712.10	483.93	4.982
Class C	468	9284.71	466.12	5.020
Class D	481	9090.77	456 67	5.023
Class E	608	8387.81	423.92	5.054
Class F	746	8092.11	409.02	5.054
Class G	1609	7728.40	387.41	5.012
	Av. for 6005	8918.74	444 88	4.988

Milk Production

Best Year's Record 24008 lbs.

Av. Ten Largest Records 19486.04 lbs.

Butter Fat Production

Best Year's Record 1098.18 lbs.

Av. Ten Largest Records 976.75 lbs.

Largest record for which certificate has been written since last issue of Journal Bessie Ramee 33510, A. R. 2613. Re-entry, 15138.60 lbs. milk; 738 25 lbs. fat.

The Advanced Register of Guernsey Cattle

SPECIAL NOTE: This list contains the latest credits and totals for the several cows entered in The Advanced Register work so far as they had been checked up and verified at the time the list was put to press.
Any omissions or back credits given signify that either data has not been received in time, or has been held up pending verification. In such instances they will appear in next list published.

Name and Number.	Class	Days	Month	Month Credit. Milk Lbs.	% Fat	B. Fat Lbs.	Total Credit. Milk Lbs.	B. Fat Lbs.
These records are all made on the two day test basis except where especially noted								
ADAMS, H. C., ALGONA, IOWA								
Ultra Olga of Wildwood 48031	E	82	Mar	784.1	4.35	34.11		
		112	Apr	715.7	4.77	34.14	2802.3	127.69
Imp. Wildwood Daisy of Saints 40581	B	179	Apr	554.5	5.40	29.94	3880.0	216.32
Imp. Wildwood Valinguet Rose 40582	C	365	Apr	160.7	6.25	10.04	8502.6	400.74
ADKINS, B. F., HEBRON, MD.								
Red Rose of Brookmead 32846	A	11	Mar	401.2	3.98	15.97		
		41	Apr	1479.4	3.98	58.88	1880.6	74.85
Sparkle of Wasteland 32872	A	17	Mar	593.2	4.32	25.63		
		47	Apr	1304.8	4.32	56.37	1898.0	82.00
BACKER, C. A., BILLERICA, MASS.								
Bijou's Violet 42317	A	30	Apr	698.0	4.51	31.48		
Lady Duchess 47451	D	23	Apr	560.9	3.86	21.65		
BAILEY FALLS FARM, OGLESBY, ILL.								
Castello's Bessie 49385	D	63	Apr	1264.0	4.62	58.40	2748.1	123.71
Lady Vincent 2d 46598	D	85	Apr	1438.2	3.79	54.51	4160.0	158.54
Lavender of Bailey Falls 53221	G	208	Apr	780.2	5.27	41.12	5871.0	286.00
Starlight of Bailey Falls 65163	G	192	Apr	617.5	4.71	29.08	4338.6	189.84
BAKER ROY, FARMERSVILLE, CAL.								
Imp. Lovedale of the Hechet 31981	A	7	Mar	230.4	4.27	9.84		
		37	Apr	1092.7	4.27	46.66	1323.1	56.50
BALDWIN, H. W., PENNINGTON, N. J.								
Ida of Mapledale 61830	G	48	Apr	991.1	3.98	39.45	1539.7	62.27
Marie of Gerar 53661	G	235	Apr	822.8	5.19	42.70	6294.2	301.41
BANCROFT, HUGH, COHASSET, MASS.								
Bessie Ramee 33510	A	72	Apr	1765.7	3.72	65.68	4353.3	186.75
BARBER, O. C., BARBERTON, OHIO								
Imp. Ace of Anna Dean Farm 46910	A	235	Feb	638.8	4.77	30.47		
		266	Mar	677.4	5.03	34.07	8210.8	359.11
Imp. Apple Bud of Anna Dean Farm 2d 52459	F	38	Feb	981.0	4.32	42.38		
		69	Mar	1037.3	4.68	48.55	2320.6	103.87
Imp. Bayonne of Anna Dean Farm 46961	A	26	Feb	809.3	5.17	41.84		
		57	Mar	859.0	6.56	56.35	1668.3	98.19
Imp. Bisette's Butter Girl 33019	A	133	Feb	1001.7	4.08	40.87		
		164	Mar	1008.0	3.99	40.22	6168.0	239.87
Imp. Brown Eyes of Anna Dean Farm 46952	A	5	Mar	209.4	5.61	11.75		
Imp. Cinnamon of Anna Dean Farm 47028	C	188	Feb	846.6	5.40	45.72		
		219	Mar	895.0	5.47	48.96	6967.8	345.71
Imp. Classic of Anna Dean Farm 46745	C	151	Feb	622.1	4.70	29.24		
		182	Mar	693.6	4.63	32.11	4809.9	209.85
Imp. Cleopatra of Anna Dean Farm 47027	C	249	Feb	464.8	5.56	25.84		
		280	Mar	478.6	5.88	28.14	6165.0	326.40
Cottie's Duchess 41688	C	37	Feb	744.1	5.02	37.35		
		68	Mar	793.5	4.56	36.18	1756.8	83.79
Countess Coralea 33796	A	238	Feb	570.8	5.84	33.33		
		269	Mar	574.9	5.96	34.26	7373.8	405.40
Imp. Cymbal of Anna Dean Farm 47589	D	273	Feb	349.3	6.01	20.99		
		304	Mar	375.6	5.82	21.86	7518.3	382.27

Meetings

The Meeker County Guernsey Breeders' Association will hold their summer meeting at Lake Ripley near Litchfield, Minnesota, Thursday June 21. Several prominent speakers and breeders will be present.

The Rock County Guernsey Breeders' Picnic will be held June 28th, at Sugar River Stock Farm, owned by A. S. Knudson, four miles south of Brodhead, Wisconsin.

The program will start at 11:45 A. M. A picnic dinner will be held at 12:15. Dr. E. D. Ball, State Entomologist of Wisconsin, formerly Dean of the College of Agriculture of Utah will speak on "Better Herds Make For Better Humans."

A judging contest open for both young and old will be held during the afternoon. Both young and mature stock will be used, including a class of Advanced Register cows. The judging will be under the direction of a well known breeder who will explain the final placing of the animals.

Autos will convey all who attend from the railroad station to Mr. Knudson's farm.

Mr. Kellogg, secretary of the association writes, "Any touring breeders from other sections of the country will be cordially welcomed. Come and see what a yearling county association is; we organized May 6, 1916 with fifteen members with about seventy-five pure bred and 150 grade Guernseys in their herds; now we have fifty-two members and nearly 350 registered and about 500 grade Guernseys in the herds of our members."

Coming Fairs and Shows

August 22-31, Iowa State Fair, Des Moines, Iowa.

August 31-September 9, Michigan State Fair, Detroit, Mich.

September 2-8, Nebraska State Fair, Lincoln, Nebr.

September 3-8, Minnesota State Fair, Hamline, Minn.

September 7-15, Illinois State Fair, Springfield, Ill.

September 9-16, Wisconsin State Fair, Milwaukee, Wis.

September 10-14, South Dakota State Fair, Huron, S. D.

September 10-15, Kansas State Fair, Topeka, Kan.

September 17-22, Southwestern Dairy Show, Kansas City, Mo.

September 17-22, Tennesee State Fair, Nashville, Tenn.

September 18-21, Vermont State Fair, Burlington, Vt.

September 22-29, Tri-State Fair, Memphis, Tenn.

September 22-29, Interstate Fair, Trenton, N. J.

September 22-29, Oklahoma State Fair, Oklahoma City, Okla.

September 24-29, Oregon State Fair, Salem, Ore.

October 1-6, New Mexico State Fair, Albuquerque, N. Mex.

October 1-7, Waterloo Dairy Cattle Congress, Waterloo, Ia.

October 8-13, Virginia State Fair, Richmond, Va.

October 10-15, Kentucky State Fair, Louisville, Ky.

October 10-15, New York State Fair, Syracuse, N. Y.

October 10-20, Eastern States Exposition, Springfield, Mass.

October 13-20, Southeastern Fair, Atlanta, Ga.

October 15-20, North Carolina State Fair, Raleigh, N. C.

OCTOBER 18-27, NATIONAL DAIRY SHOW, COLUMBUS, OHIO. GUERNSEY DAY, TUESDAY OCTOBER 23.

October 22-27, South Carolina State Fair, Columbia, S. C.

Illinois

Guernsey Interest in Illinois is Encouraging

An interesting communication from one of our subscribers in western Illinois shows the trend of Guernsey progress in many regions where the Guernsey cow has but recently been introduced. We quote from the letter:

"Within the last three years northeastern Hancock county and northwestern McDonough county became interested in the use of pure bred Guernsey sires for the improvement of the few herds of dairy cattle found in this vicinity. The movement is steadily progressing and at present there are ten herds to be seen where there were none two years ago.

"The owners of Guernsey herds and sires are: Dr. I. M. Martin, John F. Bryan, F. B. Churchill, W. A. Boyd, and J. H. Cratsenberg of La Harpe; Charles Rice and Guy Hull of Dallas City; and Jeff Grigsby and L. E. Shugart of Blondinsville.

"Using grade Guernseys and Jerseys for mothers and saving the grade heifers, they all are pleased with the future prospects for a decided betterment in the production of milk, cream and butter.

"F. B. Churchill and Dr. Martin have registered females and the other breeders are decidedly in the notion of investment for that kind this year, and from the present outlook it seems safe to predict that this por-

Imp. Cymric of Anna Dean Farm 47022	C	202	Dec	845.7	5.07	42.88		
		233	Jan	737.5	4.90	36.14		
		261	Feb	683.2	5.39	36.82		
		292	Mar	748.4	4.90	36.67	9462.6	445.42
Imp. Dancer of Anna Dean Farm 47036	D	120	Feb	937.6	4.11	38.54		
		151	Mar	903.6	4.27	38.58	4905.6	203.70
Imp. Darling of Anna Dean Farm 47035	D	144	Feb	762.6	4.73	36.07		
		175	Mar	806.6	4.60	37.10	5111.5	230.95
Imp. Dorothea of Anna Dean Farm 47037	D	9	Mar	341.5	5.83	19.91		
Imp. Duchette of Anna Dean Farm 47038	E	253	Feb	459.7	5.99	27.54		
		284	Mar	508.5	5.53	28.12	6526.8	345.13
Goldseeker's Jewel of A. D. F. 68234	G	17	Mar	606.5	3.93	23.84		
Governor's Princess of Anna Dean 48070	E	59	Feb	1013.0	5.20	52.68		
		90	Mar	997.4	4.96	49.47	3161.2	150.60
King's Blue Bell 33021	A	110	Feb	777.3	4.98	38.71		
		141	Mar	816.6	4.85	39.61	4175.3	198.86
King's Jardinette 36533	A	58	Dec	889.6	4.27	37.99		
		89	Jan	838.9	4.41	37.00	2485.3	110.71
Imp. Lil of Anna Dean Farm 46740	A	262	Jan	925.5	4.57	42.30		
		290	Feb	800.4	4.80	38.42		
		321	Mar	857.8	4.61	39.54	11041.5	473.96
May King's Daisy Belle 46168	D	120	Feb	692.2	4.62	31.98		
		151	Mar	738.7	4.74	35.01	4071.8	182.08
May King's Foulon Daisy 48327	E	151	Feb	735.9	4.49	33.04		
		182	Mar	780.0	4.18	32.60	4864.5	207.95
May Moonlight Coquette 46169	D	73	Feb	1111.0	4.86	53.99		
		104	Mar	1026.5	4.50	46.19	3775.9	171.16
Meranna's Governor's Cylia 46173	E	142	Feb	822.3	4.39	36.10		
		173	Mar	912.0	4.29	39.12	5163.4	222.15
Minnette's Lady Munroe 47545	G	365	Dec	149.5	6.73	10.06	8446.8	490.67
Minnette's Stella 50905	F	153	Jan	811.0	4.32	35.04		
		181	Feb	732.2	4.68	34.27		
		212	Mar	809.9	4.32	34.99	6206.9	259.38
Murne Cowan 19597	A	246	Feb	1173.4	4.52	53.04		
		277	Mar	1226.8	4.66	57.17	14009.3	627.85
Imp. Queen of Anna Dean Farm 2d 47586	A	285	Feb	735.0	5.05	37.12		
		316	Mar	610.5	5.23	31.93	10682.8	473.97
Xmas Dolly 50819	F	126	Feb	768.9	4.77	36.68		
		157	Mar	806.5	4.81	38.79	4738.2	211.30
BARRON, C. W., COHASSET, MASS.								
Clara's Sequel's Hilo 45459	E	359	Apr	796.0	5.05	40.20	11459.6	549.48
Dottie Cole of Westwood 26348	A	97	Apr	1530.4	4.24	64.89	5245.5	212.40
Duchess of Westwood 23038	A	61	Apr	1255.5	3.90	48.96	2466.3	103.81
Imp. Flora XXVII. of the Vauquiedor 47164	C	202	Apr	726.5	4.87	35.38	5704.3	362.50
Golden Lass of Westwood 56745	G	68	Apr	1030.4	4.61	47.50	2380.3	99.61
Helen Marshall's Jeannette's Sequel 26300	A	61	Apr	1338.6	4.50	60.24	2788.8	125.64
Hero's Josephine 52143	F	181	Apr	876.1	5.40	47.31	5833.1	257.67
Libby Jean of Waumesit 29506	A	268	Apr	780.7	4.69	36.61	7986.1	356.06
Lucy Cole of Westwood 26347	A	79	Apr	1301.6	4.17	54.28	3443.5	145.42
Modena's Bond Beauty 42716	C	72	Apr	1235.2	4.32	53.36	3031.5	138.67
Imp. Pretty Dairymaid of Pine Grove 47149	B	273	Apr	596.5	5.78	34.48	6787.7	345.73
Reddy Maid of Westwood 56744	G	72	Apr	1067.3	4.48	47.82	2408.8	104.32
Rose Mar of Jean Du Luth 56837	G	22	Mar	692.8	4.91	34.02		
		52	Apr	962.3	4.77	45.90	1655.1	79.92
St. Amant of Lewison's Grace 39215	A	11	Mar	421.9	3.48	14.68		
		41	Apr	1253.4	3.48	43.62	1675.3	58.30
So-so's Jeannette's Sequel 26298	A	120	Apr	1003.5	4.60	46.16	4487.9	216.54
BEACHAM, JAMES W., JR., AVONDALE, MD.								
Avalon's Princess 42300	D	310	Feb	433.9	4.86	21.09		
		341	Mar	404.8	4.57	18.50	10121.5	409.25
BLAHNIK, JACOB, J., ALGOMA, WIS.								
Corliss Beauty 40697	C	365	Apr	316.9	6.16	19.52	8151.3	472.95
Park's Pinecliff Beauty 70323	D	148	Apr	647.5	5.36	34.71	4012.3	207.23
BLANDY, I. C., GREENWICH, N. Y.								
Follyland Nancy 52457	G	318	Mar	1012.1	6.24	63.16		
		348	Apr	904.3	6.23	56.34		
		365	May	520.8	6.27	32.65	12270.9	712.60
BRADY, E. R .,SATSOP, WASH.								
Annie Truth of Coventry Lake 44655	D	6	Jan	205.0	5.34	10.95		
		34	Feb	933.1	5.34	49.83	1138.1	60.78

Dora Heartsease 34202	C	6	Jan	199.4	4.88	9.73		
		34	Feb	905.0	4.88	44.16	1104.4	53.89
Juanita of Pleasant Valley 38306	A	6	Jan	151.2	4.62	6.99		
		34	Feb	848.1	4.62	39.18	999.3	46.17
BREUCHAUD, JULES, OLIVEBRIDGE, N. Y.								
Imp. Donnington Gladys 3d 45944	A	70	Apr	961.6	5.15	49.52	2275.9	117.21
May King's Gloriana 55767	G	89	Apr	783.8	4.62	36.21	2462.3	116.22
Raymond's Morning Glory 42504	C	264	Apr	668.0	5.81	38.81	6339.0	352.05
Imp. Violet III. des Valettes 48467	D	264	Apr	1020.7	4.55	46.44	9097.9	389.38
BROPHY, TRUMAN W., EDISON PARK, ILL.								
Benton's Queen May 35915	A	10	Mar	317.8	4.34	13.79		
Ingleside Neanie Benton 57018	G	53	Mar	870.5	4.43	38.56	1423.8	57.87
May King's Patch Quilt of Ingleside 36201	A	182	Mar	829.3	4.78	39.64	5026.5	248.77
Stranford's Alice of Ingleside 40813	A	41	Mar	1362.5	4.27	58.18	1783.9	78.87
BROWN, HARRY H., EAU CLAIRE, WIS. 1 day test								
Clara of Oak Lawn 41911	B	58	Apr	992.1	4.80	47.62	1985.6	98.98
Duke's Ella 37807	A	30	Apr	1085.0	4.41	47.85		
Lucy of Oak Lawn 48774	E	72	Apr	799.6	4.79	38.30	2115.5	103.31
Veneta of Oak Lawn 42198	C	56	Apr	1244.4	4.39	54.63	2349.1	108.54
BUNDY, C. T., EAU CLAIRE, WIS. 1 day test.								
Amy of Oak Grove 37309	A	124	Apr	882.9	6.10	53.86	4021.3	225.12
Atlasta Kathryn 58565	G	68	Apr	865.8	5.24	45.37	1997.6	98.57
Atlasta Lady 42104	C	157	Apr	947.1	3.78	35.80	5740.4	221.74
Atlasta May Kelley 57459	G	68	Apr	981.8	5.41	53.12	2306.2	128.35
Atlasta Mary Bess 46759	D	157	Apr	816.9	3.82	31.21	4876.4	193.74
Imp. Career of Sarnia 46578	B	123	Apr	790.7	4.87	38.51	3726.4	175.16
CHENEY, H. G., SOUTH MANCHESTER, CONN.								
Fillmore's Daisy 40978	D	283	Jan	673.4	4.85	32.66		
		311	Feb	577.5	4.80	28.20		
		342	Mar	665.7	4.76	31.69		
		365	Apr	454.4	5.02	22.81	11908.4	573.31
CHRISTENSEN, C., LA CROSSE, WIS.								
Aramintha C. 42639	D	317	Apr	418.3	6.59	27.57	5446.4	322.71
Imp. Beauty of Havilland Vineries 67004	F	59	Apr	824.6	5.41	44.61	1632.6	76.77
Imp. Blackberry of the Isle 26648	A	264	Apr	704.9	4.72	33.27	7992.0	348.29
Imp. Buttercup II. of the Padins 66994	F	190	Apr	762.2	4.26	32.47	2583.1	112.26
Imp. Dora of Les Cotils 67003	F	73	Apr	767.4	3.98	30.54	1859.1	76.93
Neotia 55361	F	58	Apr	837.1	4.23	35.41	1535.8	65.59
Paris Pride 42635	D	365	Apr	252.2	5.78	14.58	7435.3	370.91
Imp. Poundstock's Lady 34654	A	361	Apr	640.9	5.78	37.04	8770.0	471.17
President's Star of Lewison 34653	A	358	Apr	583.5	6.19	36.12	10701.0	565.41
Imp. Rose of Highfield 66990	F	138	Apr	939.0	3.97	37.28	4020.8	170.33
Imp. Topsy May of the Haut Chemin 66998	F	96	Apr	800.6	4.32	34.59	2335.8	108.50
Imp. Victoria II. of Herm 66999	F	65	Apr	889.2	4.37	38.86	1958.8	83.78
Imp. White Rose des Raies de Bas 67007	G	164	Apr	601.5	5.53	33.26	3612.5	187.91
CLARK, GLENN, EAU CLAIRE, MICH.								
Amy of Hickory Grove 38259	B	319	Apr	491.1	5.74	28.19	6424.2	346.90
Belle Buttermaker of Hickory Grove 37254	A	157	Apr	683.1	4.99	34.09	4326.7	215.55
Golden Noontime 25093	A	304	Apr	261.1	6.06	15.82	6796.2	350.69
Linda of Hickory Grove 41658	D	358	Mar	149.7	4.74	7.10		
		365	Apr	221.1	4.74	10.48	6027.4	301.10
Little Buttermaker 25092	A	177	Apr	874.6	5.55	48.54	6098.6	321.95
Maggie of Hickory Grove 41656	D	339	Apr	461.7	4.61	21.28	7827.0	329.92
CLEVELAND, CHARLES D., EATONTOWN, N. J.								
Imp. Duke's Daisy of the Isle 53783	C	365	Apr	772.1	5.74	44.32	12980.0	640.69
Xmas May 39380	B	167	Apr	964.3	4.81	46.38	5833.6	281.86
CLUETT, G. A., WILLIAMSTOWN, MASS.								
Belle of Green Meadow 61226	G	10	Mar	235.6	4.89	11.52		
Busy Bee of Green Meadow 42108	B	105	Mar	1066.0	4.51	48.08	4011.2	176.45
Imp. Daisy III. of the Hall 35249	A	14	Feb	567.8	5.45	30.95		
		45	Mar	1261.9	5.45	68.77	1829.7	99.72
Glenora of Green Meadow 56805	G	31	Mar	808.5	5.31	42.93		
Green Meadow Moss Rose 50160	G	312	Mar	755.6	5.29	39.97	8576.3	412.76
Green Meadow Velvet 45686	E	330	Mar	500.8	5.68	28.45	6967.5	358.83
Masher's Velvet 39620	B	238	Mar	894.8	4.49	40.18	7776.7	344.59
May Red Rose 54835	G	159	Mar	741.4	6.39	47.38	4245.8	230.26
Miron's Busy Bee of Green Meadow 56426	E	10	Mar	269.4	4.76	12.82		
Miron's Doris of Green Meadow 54710	F	10	Mar	279.2	5.39	15.05		
Imp. Naftiaux Polly II. 36384	A	31	Mar	1321.6	5.62	74.27		
Imp. Olive of the Ponchez 36390	A	216	Mar	765.2	5.64	43.16	5488.9	280.83
Imp. Raymond's Nelita 36399	A	216	Mar	751.7	5.53	41.57	6560.8	341.78

tion of western Illinois will in time become one of the Guernsey spots of this nation."

Iowa

Iowa Guernsey Breeders Meeting

The summer meeting of the Iowa Guernsey Breeders' Association was held at Fairfield, Iowa on June 5. The business session and program were in the show room of the Louden Farm Machinery Company which concern cooperated with Grant M. Enlow of Fairfield in entertaining the members and their guests. Owing to the very bad weather the attendance was rather small.

The meeting was called to order by President Hans J. Schmidt of Cedar Falls. Grant M. Enlow gave an address of welcome which was responded to by the president and the secretary, F. L. Kerr of Manilla. A. L. Hyzer then gave a description of the methods which he approved of for feeding for both the show ring and for making records. Judge W. B. Quarton of Algona gave an interesting talk, discussed in particular a successful method of handling unruly bulls. Both talks were followed by good general discussions.

F. B. Hills of THE AMERICAN GUERNSEY CATTLE CLUB discussed the progress of the breed interests and especially the recent addition to the Advanced Register.

The afternoon was pleasant and those at the meeting had an opportunity to visit Mr. Enlow's farm and inspect his herd, which is made up largely of animals of Glenwood blood lines. The herd sire, Marcus Glenwood 13593 A. R. is especially worth mention, being a son of Thelma Glenwood 18829 and Marcia's Glenwood of Pinehurst 11560 A. R., a son of Glenwood Boy of Haddon 4605 A. R. Thelma Glenwood 18829 was first prize aged cow at the Illinois State Fair last year, third aged cow and second senior Advanced Register cow at the 1916 National Dairy Show.

HAY COCK COVERS
Special prices until present stock of raw material is exhausted. 40" x 42" 8 oz. duck caps at $37 per 100 without ropes; $38 with ropes. Other sizes and stack covers at correspondingly low prices.
Makers of famous Kant Come Off Cow Blankets.
Send 50 cents in stamps for sample and catalog.
Fond du Lac Awning & Tent Co. Dept. 99 Fond du Lac, Wis.

FOR SALE: Imported Guernsey Bull, Butter Boy, Registered and Pedigree.
H. HILBERS, Hackensack, N. J.

WANTED: BULLS. One aged Imp. bull, sure stock getter and one young bull from six months to a year old. Both must be guaranteed satisfactory and shipped to Maxwelton Farm, Ste. Anne De Bellevue, P. Q., Canada.

WANTED: A position as superintendent or general manager of estate or farm. Am thoroughly qualified by years of experience and a practical and scientific knowledge of all farming operations, breeding, feeding and developing of pure bred live stock and the handling of cows on Advanced Register test. Can furnish best of reference. 4YZ care of Guernsey Breeders' Journal, Peterboro, N. H.

Guernsey Pedigrees Tabulated
Five generations with A. R. records.
50 CENTS EACH
Satisfaction guaranteed
F. E. FOX - - Waukesha, Wis.

I HAVE several registered cows, several heifers, both bred and open, also a few young bulls and one aged bull. They are nicely bred and good individuals and want to dispose of them as quickly as possible and will make attractive prices. The pedigrees show from 26 to 32 A. R. ancestors on their pedigrees.
F. J. GREINER - BILLINGS, MISSOURI

Descriptive Matter on Herds or Dairies Prepared for Booklets, Catalogs or Circulars.
American Guernsey Pedigrees Written
Five, Six or Seven Generations
$1.00 $1.50 $2.00
Fifteen Year's Experience
Address
A. G. MORRELL :: :: 39 Shepard Ave. East Orange, N. J.

AUCTIONEER
Col. D. L. Perry COLUMBUS OHIO
The Guernsey Auctioneer
I sell satisfaction, and also love the Guernsey. Write or wire.

Robert F. Hildebrand
THE LEADING PHOTOGRAPHER OF ANIMALS IN THE UNITED STATES
Specialist in Guernsey portraiture. Official photographer at all the leading live stock shows. Write me when you have anything to photograph. I may be in your locality next week.
New Office and Studio at SPRINGFIELD, MASS. — Main Office at UNION STOCK YARDS CHICAGO, ILL.

Kansas

Turned a County to Guernseys

A two year old Guernsey heifer was unloaded from a westbound freight in Coffey County, Kansas, fifteen years ago. It was for R. C. Krueger, proprietor of the Krueger Mercantile Company.

"What d'you think of poor old Krueger?" asked one townsman of

Imp. Rosenheim IV. of The Hall 35246	A	230 Mar	725.6	4.23	30.69	7077.0	307.22
Imp. Viola of the Isle 35247	A	254 Mar	984.3	4.78	47.05	10081.2	448.64
COLUMBIA MILLS, Inc., THE, MINETTO, N. Y.							
Lady's Maid of Oakhurst 41115	B	11 Mar	535.5	4.91	26.29		
		41 Apr	1507.5	4.91	74.02	2043.0	100.31
May Queen of Oakhurst 51611	G	228 Apr	655.3	5.59	36.63	5362.9	296.62
COLVIN, B. C., GLENVIEW, ILL.							
Imp. Polly of the Isles 13th 69246	C	26 Mar	1028.7	4.42	45.47		
CONNECTICUT AGRICULTURAL COLLEGE, THE, STORRS, CONN.							
Eurotas Mansfield 2d 35289	A	260 Apr	591.7	3.94	23.31	6823.3	268.75
Simple Eurotas 38350	A	147 Apr	1009.5	4.28	43.21	5597.2	231.39
CORNELL UNIVERSITY, ITHACA, N. Y.							
Glenwood Queen of Maplehurst 21636	A	182 Mar	720.7	5.73	41.30		
		212 Apr	601.7	6.02	36.22	6223.0	332.05
Mota Ledyard 43557	C	153 Apr	657.3	6.20	40.75	3949.0	217.50
Triple May 35925	A	129 Apr	827.9	4.07	33.70	4558.8	188.34
COUNTISS, FRED D., LAKE GENEVA, WIS.							
Lady Bella of Tilden Farms 57076	G	30 Apr	581.4	4.54	26.40		
Mary Ladd 46306	D	89 Apr	837.7	4.85	40.63	2535.8	122.31
Nellie Butterfly 38519	A	181 Apr	397.5	5.43	21.58	3699.4	206.84
Victor's Jewel of Thorn Hill 58660	G	17 Apr	413.9	5.35	22.14		
COX, LOUIS S., LAWRENCE, MASS.							
Meddler's Topsy of Cox Farm 45840	C	137 Apr	731.6	5.97	43.68	4520.7	248.93
CRAIG, BURDETTE P. GLEN SPEY, N. Y.							
Imp. Belle of St. Peter Port 53644	F	327 Apr	477.8	4.79	22.89	6332.0	298.50
Lady Beldora of Thornliebank 49990	E	72 Apr	841.8	4.91	41.33	1977.2	100.31
Imp. Le Pelley's Maggie IV. 50430	D	297 Apr	654.3	5.22	34.15	8709.8	440.64
Imp. Lynchmere Florrie 2d 54026	E	204 Apr	734.8	5.25	38.58	5893.1	324.45
Peggy of Thornliebank 57298	G	23 Apr	737.0	4.24	31.25		
Princess Lorraine of Tarbell Farms 35390	A	12 Mar	559.9	4.23	23.68		
		42 Apr	1304.2	4.23	55.17	1864.1	78.85
Imp. Rosie of Sous L'eglise 39580	A	243 Apr	734.2	5.36	39.35	10685.9	533.51
Imp. Rosy XII. de la Vieille Rue 53814	E	214 Apr	896.2	5.20	46.60	7144.9	382.59
CRAMER, JOE, MENOMONIE, WIS.							
Diamond Dorothy of Waumesit 43593	C	176 Apr	856.2	5.23	44.78	6723.4	305.51
Gipinda Jane of Waumesit 43594	C	165 Mar	1076.5	6.22	66.96		
		195 Apr	930.3	5.00	46.52	7735.2	372.08
CRAMER, JOHN JR., MENOMONIE, WIS.							
Corian of Fern Hill 49652	E	124 Apr	976.5	5.62	54.88	3974.2	219.07
Fair Queen's Nugget 42909	D	239 Apr	798.7	4.80	38.34	8234.1	384.36
Imp. Keewatin 52963	E	212 Apr	902.3	5.31	47.91	7216.0	330.14
Imp. Launy II. 40382	A	212 Apr	872.2	5.23	45.62	8047.8	414.39
Margis of Fern Hill 34493	A	210 Apr	848.8	5.07	43.03	7050.6	362.12
Imp. Nellie of Courtil Ronchin 40390	B	263 Apr	642.9	6.03	38.83	7090.3	410.56
CURTIS, CHARLES W., MARLBORO, MASS.							
Ellenwood Beauty 36922	A	21 Mar	1007.8	4.34	43.74		
		51 Apr	1461.5	3.91	57.14	2469.3	100.88
Ellenwood Beauty 2d 55217	G	133 Apr	1019.9	4.38	44.67	4920.9	210.70
Ellenwood's Nonesuch 40123	B	157 Apr	1047.0	4.66	48.79	6175.6	276.82
Rose of Waumesit 39046	A	212 Apr	813.7	4.69	38.16	6484.3	289.34
Sunderland's Butter Queen 45661	E	341 Apr	503.8	4.85	24.43	9399.2	407.25
Thelma's Princess of Hickory Hill 44345	C	19 Mar	870.7	5.02	43.71		
		49 Apr	1328.3	3.97	52.73	2199.0	96.44
DENMAN, J. S. & SON, FREDERICKTOWN, OHIO							
Radium's Careno 23640	A	12 Mar	403.7	4.69	18.93		
DUPEE, WALTER, H., SANTEE, CAL.							
Imp. Bohemian Girl of Edgemoor 58897	G	66 Apr	1457.6	3.89	56.70	3271.8	123.10
Caprice of Edgemoor 52579	G	323 Apr	606.1	5.82	35.28	7079.7	359.34
Imp. Damsel of Sarnia 58761	E	105 Apr	836.4	4.55	38.06	3273.9	176.14
Imp. Diamond's Milly of the Turquie 60615	D	49 Apr	921.2	4.46	41.09	1514.4	72.89
Imp. Donnington Goldie 5th 59866	E	199 Mar	1578.2	4.57	72.12		
		229 Apr	1427.7	4.29	61.25	11786.9	517.96
Florham Dame 38912	A	224 Apr	1341.6	4.25	57.02	10508.7	430.25
Imp. Grand Fort Pride III. 60614	D	156 Apr	1082.6	4.73	51.21	6392.9	283.84
Imp. Hayes Princess Mary 59878	F	264 Mar	907.4	5.11	46.37		
		294 Apr	891.6	5.10	45.47	8690.1	413.51
Hilda's Gay Lass of Edgemoor 50597	E	44 Apr	1055.8	3.82	40.33	1505.5	62.82
Jesebel of Edgemoor 52584	F	65 Apr	1357.8	5.25	71.28	2910.0	154.47

Jessy Rose of Edgemoor 52580	F	57	Apr	819.0	5.07	41.52	1582.9	82.01
Lady Falecia 54701	G	264	Apr	667.6	6.07	40.52	6340.0	330.47
Lura's Josephine of Edgemoor 52577	G	351	Apr	870.6	5.31	46.23	10828.3	546.05
Mambrino's Lura 31577	A	331	Apr	1088.3	5.22	56.81	13765.9	665.71
Imp. Rosie of the Square 54550	A	247	Apr	1004.5	4.60	46.21	10053.1	434.45
Show Girl of Edgemoor 58898	F	30	Apr	935.2	3.54	33.11		
Imp. Snowdrop III. of Havilland 60641	E	95	Apr	1316.4	5.23	68.85	4555.3	203.10
Sweet Heart of Edgemoor 58902	G	28	Apr	966.7	4.53	30.20		
Ultra Deanie 38915	B	219	Apr	957.3	5.07	48.54	8485.0	423.80
DUTTON, R. H., COLMAR, PA.								
Imp. Darling II. of Blanchelande 47168	C	229	Apr	560.5	5.59	31.33	5079.2	269.63
Imp. Glendora III. of the Norgiots 53640	E	7	Feb	169.2	5.02	8.49		
		38	Mar	966.8	4.77	46.12		
		68	Apr	844.6	4.70	39.70	1980.6	94.31
Imp. Rose of the Venelle Simon 53572	C	180	Apr	938.6	4.73	44.40	6027.9	278.31
Rosie of Pleasant Valley 37162	A	73	Mar	845.9	7.02	59.38		
		103	Apr	643.6	6.11	39.32	2877.3	190.94
EASTMAN, GEORGE, ROCHESTER, N. Y. 1 day test								
Sylvia of Esker View 49166	F	366	Jan	599.6	5.46	32.74	8866.3	495.53
EMERSON, I. E., LUTHERVILLE, MD.								
Delia of Oakwood 26855	A	271	Mar	894.4	5.79	51.79		
		301	Apr	705.0	5.82	41.03	10131.4	516.53
Langwater Damsel 47046	D	87	Mar	1404.5	4.40	61.80		
		117	Apr	1212.7	5.05	61.24	4779.4	209.38
FOSTER, G. E., CORNVILLE, ME. 1 day test								
Helen of Elmlawn 52121	F	111	Apr	718.1	4.36	31.31	2834.5	118.77
FRANCE, JOSEPH I., PORT DEPOSIT, MD.								
Patient Prelate's Patience 52197	G	250	Apr	673.2	5.80	39.05	6542.7	336.19
FRAZIER, FRANK P., IPSWICH, MASS.								
Imp. Bijou des Frances 44541	A	151	Apr	1538.7	5.37	82.63	7532.4	385.75
Ellen May Queen of Glenmore 33820	A	163	Apr	1458.6	5.08	74.10	9006.1	424.19
Falstaff's Wyoming of Upland Farms 68406	G	193	Apr	832.2	4.88	40.61	5107.5	222.81
Lotota of Upland Farms 52907	G	350	Apr	759.7	6.45	49.00	8884.5	497.32
Imp. Queen 7th of Warren Wood 45911	A	334	Apr	694.3	4.87	33.81	9648.5	434.01
Imp. San Toy's Star 47424	E	259	Apr	833.5	4.68	39.01	7322.2	347.65
Imp. Upland's Clara 52699	E	40	Apr	1011.7	5.41	54.73	1307.7	71.69
Upland's Ellen 55157	G	259	Apr	795.0	6.28	49.93	6807.5	385.10
Upland Farm's Grace 58836	G	174	Apr	680.9	5.81	39.56	4359.9	219.90
Upland's Ruby 57222	G	187	Apr	587.6	6.17	36.25	4143.8	222.02
Upland's Surprise 58835	G	193	Apr	801.6	6.60	44.89	5235.2	249.06
GABLE, WILLIAM F., WYEBROOKE, PA.								
Glen Gable Daylight 40805	C	314	Apr	471.9	4.51	21.28	8285.6	374.10
Glen Gable Gem 40806	C	311	Apr	577.4	5.05	29.16	9719.8	439.69
Glen Gable Gretchen 31359	A	365	Apr	110.2	6.27	6.91	10787.1	492.92
GREENHALGH, GEORGE T., PEPPERELL, MASS.								
Langwater Favorite 55280	G	74	Apr	627.7	4.07	25.55	1615.7	72.41
Natika of the Glen 52889	G	209	Apr	419.9	5.74	24.10	3826.8	205.64
Nima of the Glen 44234	D	144	Apr	700.3	4.56	31.93	3745.3	177.70
Pelsis of the Glen 52888	G	209	Apr	784.1	4.60	36.07	6205.6	291.65
GRICE, CLAYTON, R., DEL MAR, CAL.								
Lita of Bella Vista 54767	G	124	Apr	556.8	6.34	35.30	2246.5	118.73
GRISWOLD, A. W., ELMWOOD, N. H.								
Hinsdale Molly 35266	A	163	Jan	804.8	3.91	31.47		
		191	Feb	473.2	4.14	19.59		
		222	Mar	506.8	4.24	21.49		
		252	Apr	555.5	4.03	22.39	5998.2	250.56
Hinsdale Nancy 39607	C	302	Jan	463.7	4.97	23.05		
		330	Feb	299.1	5.38	16.09		
		361	Mar	351.1	4.85	17.03		
		365	Apr	59.0	4.85	2.86	7426.2	343.68
HAARTZ, JOHN C., BOSTON, MASS.								
Lady Royal of Pomeroy 38173	A	101	Apr	1319.0	4.02	53.02	4822.5	195.02
Royal's Pearl 45209	D	79	Apr	1795.8	4.09	73.45	4821.8	208.76
Sequel's Daisy of Pomeroy 47406	D	101	Apr	1152.8	4.40	50.72	3967.2	170.76
HALE, HENRY S., DIXVILLE NOTCH, N. H.								
Anchor Blossom 58110	E	177	Apr	944.4	4.76	44.95	6047.3	292.42
Chelidine's Dell 47967	E	156	Mar	582.3	4.95	28.82		
		186	Apr	568.0	5.00	28.40	3500.0	172.12
I Am It 49676	E	100	Apr	1068.8	4.47	47.78	3909.3	179.00
Lewison's Lily Bell 53353	D	173	Apr	502.3	5.29	26.57	4088.9	229.18

another. "He got stuck three hundred dollars for a heifer! Well, that's what happens when a man don't stick to his own business."

Kruger said nothing. There were no Guernseys in Coffey County. There was very little registered dairy stock of any kind. The storekeeper saw that the town had an inadequate milk supply and he believed that a dairy of high-grade producers would not only supply the milk but would be profitable in the sales of pure bred animals. So he paid as much for his first cow as he could afford.

To-day the Kruger herd of fifty pure bred Guernseys is one of the finest in Kansas.

The milk is sold to every hotel and restaurant in the city, and Mr. Krueger also has a private route and gets two cents a quart more than any other milkman.

Mr. Krueger said, "In the early days in Kansas, business was practically all credit from crop to crop. When a farmer did pay his bills monthly we wondered where he got the money. On asking I always found that he was milking a few cows and selling cream. So I bought some cows and put them out on shares. But I soon found that all my cows were not dairy animals, and all men did not understand handling dairy cows. Many of them were doing a day's work before they milked at night! This is too common a practice, and it keeps the dairy industry back and drives the boys off the farm.

"In my reading I saw much about pure breds and using pure bred sires, and I decided I would try to work into the business. I didn't know what breed to choose, until one day when I met a Wisconsin man who owned a Guernsey bull. He had been using him on common cows and had a lot of handsome heifers of the bull's type the result of the first cross. I arranged for the use of the bull and bought two pure bred cows. Both were bred and had heifer calves, giving me four registered females and a start toward a pure bred herd before I realized it.

"In buying a bull I was very fortunate. He was the son of one that soon sprang into the limelight. Masher's Sequel 11462 became the champion bull of the breed by virtue of having more officially tested daughters than any other sire. I bought the next bull very luckily, too, as his sire's first daughter in milk made the two and one half year old world's record for Guernseys."

—Tom Blackburn, in Country Gentleman

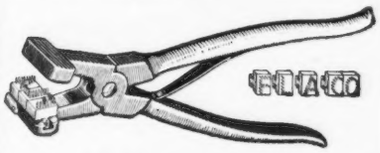
Announcement to Guernsey Breeders

The most improved and **only** lasting method of marking your cattle is with the

AUSTIN TATTOO EAR MARKER

Put Efficiency

Into your herd record keeping by tattooing your cattle with this efficient implement.



It affords the only means of identifying your cattle permanently—the tattoo mark.

PRICES:

EVERYTHING POSTPAID

1 Marker (3 letter size) . . . $3.25
1 Set numerals—0 to 9 . . . . 3.10
1 Tattoo ink stick 1.05
Complete alphabet (26 letters) 6.50
Extra letters or figures each .35

In order to make your record-keeping complete, it will be necessary to have one marker, one or more sets of figures, and one tattoo ink stick. You need one set of figures to number up to 10, two sets to number up to 110, three sets beyond, etc. A system of letters and figures may be used, in which case a set of letters will be needed.

LASTS FOR LIFE.

Our Guarantee — Our marker must please you or we will refund your money. You take absolutely no chances.

Orders filled promptly.

Write today, and make all checks payable to

The American Guernsey Cattle Club

PETERBORO, N. H.

Muriel of Arcadia 33326	A	75	Apr	1061.4	4.45	47.23	2789.5	135.89
Twinkle's Gem 53351	B	177	Apr	470.5	6.94	32.65	4697.5	266.18
HAMMOND, JOHN HENRY, MT. KISCO, N. Y.								
Enchantress of Dellwood 56697	G	133	Apr	887.4	4.92	43.66	4361.1	204.22
Rival's Empress of Dellwood 42924	B	8	Mar	340.1	4.31	14.66		
		38	Apr	1397.6	4.31	60.24	1737.7	74.90
Rival's Water Witch of Dellwood 37052	A	89	Apr	1053.0	4.94	52.02	3355.7	152.65
HARRIS, MRS. M. A., REDWOOD CITY, CAL.								
Kitchener's Nell 48605	E	181	Apr	684.2	5.02	34.35	4566.1	237.41
Imp. Rose II. of La Rocque 66991	F	188	Apr	793.5	5.38	42.69	5584.2	286.86
HARTLEY, G. G. DULUTH, MINN.								
Beldame 3d 28064	A	156	Apr	990.2	4.60	45.55	5797.0	269.41
Bella Blossom 49172	G	365	Apr	435.2	4.86	21.15	9229.6	450.00
Gold Girl's Chene Blossom 49581	G	322	Mar	649.3	5.30	34.41		
		352	Apr	754.3	5.33	40.20	8669.6	482.35
Imp. Golden Hero's Daisy 36364	A	307	Apr	791.7	5.58	45.18	9959.2	525.63
Island Farm's Deborah B. 55391	G	47	Apr	912.8	3.79	34.60	1402.9	55.58
Island Farm's Home Lassie 53707	G	151	Apr	718.2	5.70	40.94	3758.0	190.46
Island's Meadowbrook Blossom 48534	E	162	Apr	1216.8	3.96	48.19	6169.6	255.45
Island Milvia Starlight 60945	F	110	Apr	1156.4	4.17	48.22	4273.6	193.44
Julian's Island Jeweller Lass 48535	G	351	Apr	443.3	4.88	21.63	6947.0	353.73
La Noce of Riverside Farm 36284	A	267	Apr	832.4	5.51	45.87	8024.0	419.99
May Rose of Meadowbrook 25770	A	208	Apr	1093.2	4.62	50.51	8558.8	369.36
May Rose Starlight of Island Farm 53706	G	162	Apr	1120.3	4.07	45.60	5687.5	239.07
Zenobia Pride of Island 60946	G	50	Apr	1086.8	4.58	49.78	1787.6	76.20
HEID, W. J., FT. ATKINSON, WIS. 1 day test								
Benjamin's Gloria 43933	C	82	Mar	1391.7	5.09	70.84	3666.6	182.08
Casterilius's Hazel 25076	A	131	Mar	1125.3	5.52	62.12	5077.0	286.04
Gloria of Lake Bluff 36321	A	141	Mar	1234.3	6.11	75.42	5763.0	326.09
Glorious Hazel 34442	A	106	Mar	1085.7	6.05	65.68	4353.9	245.44
Glorious Lenorill 46775	B	69	Mar	1186.6	4.72	56.01	2644.5	127.45
Treynore's Glenwood 55921	G	104	Mar	835.0	6.22	51.94	2933.9	168.27
HELENDALE FARMS, ATHENS, WIS.								
Florestine 14842	A	262	Mar	692.1	4.86	33.64		
		292	Apr	670.6	4.53	30.38	7423.2	352.52
Florestine's Triumph 43846	C	64	Apr	1237.7	5.35	66.22	2802.4	144.61
Lady Rigolette 41923	D	352	Apr	613.4	4.93	30.24	8522.7	416.70
Miss Sunset 37107	A	211	Apr	1009.6	5.22	52.70	7745.0	375.64
Monhegan's Lady Roberts 37104	A	352	Apr	507.2	4.58	23.23	8291.8	363.75
Tekla Rose 48146	F	346	Apr	526.2	4.89	25.73	7157.7	359.84
Wolfram's Margery 34545	A	278	Apr	562.1	5.44	30.58	7036.7	351.33
HENDERSON, J. W., BERKELEY, CAL.								
Kitchener's Clementine of Bella Vista 68061	G	166	Apr	1226.3	4.20	51.50	6313.8	244.05
Rancho Morning Rose 40298	B	175	Apr	936.8	4.14	38.78	5622.5	248.39
HILLS, E. E., SHREWSBURY, MASS.								
Belle of Bayside 39154	A	114	Apr	736.1	5.21	38.35	3202.0	174.01
Blanche of Bayside 44383	E	321	Apr	296.8	5.68	16.86	5913.7	303.83
Carwytham Queen 41121	A	12	Mar	441.9	4.23	18.69		
		42	Apr	1390.0	4.23	58.80	1831.9	77.49
Charity of Carwytham 53098	G	352	Apr	487.5	4.75	23.16	7571.3	342.02
Hillswold Mamie 53055	G	365	Apr	495.3	6.05	29.97	6871.8	359.11
Langwater Lady Fair 49697	E	84	Apr	652.4	4.52	29.49	1816.1	81.75
HOPPERT, C. & SONS, SHEBOYGAN, WIS.								
Imp. Dignity of Sarnia 65363	F	219	Apr	536.8	5.10	27.38	4478.6	235.86
Imp. Emily of Sarnia 65395	F	252	Apr	570.0	5.49	31.29	5638.8	264.66
Gladys of Sheybogan 60005	G	124	Apr	589.4	4.50	26.52	2654.1	129.89
Imp. Primrose IV. du Pont 53808	D	199	Apr	933.5	4.80	44.81	7694.0	334.27
Imp. Rose III. of la Turquie 55198	B	206	Apr	719.9	4.41	31.75	6673.6	279.00
Imp. Vauquiedor's Rose 56455	G	206	Apr	455.1	4.37	19.89	3526.7	156.42
HOTCHKISS, FRANK A., MILLERTON, N. Y.								
Deasie of Oakhurst 49105	F	365	Mar	203.3	6.65	13.52	8221.0	488.86
Druce's Queen 2d 55222	G	121	Mar	643.5	4.52	29.09		
		151	Apr	639.2	4.71	30.11	3290.1	160.76
Florham Belle 2d 54984	G	90	Mar	785.6	5.43	42.66		
		120	Apr	683.3	5.61	38.33	3026.5	162.23
Frances of Oakhurst 62375	F	355	Mar	613.0	6.21	38.07		
		365	Apr	214.1	6.21	13.30	8439.3	513.54
Lady's Maid of Oakhurst 2d 54985	G	212	Mar	582.4	5.74	33.43		
		242	Apr	566.4	5.58	31.61	5381.2	278.10
May King's Portia of Oakhurst 45565	E	182	Mar	745.8	5.36	39.97		
		212	Apr	703.7	5.56	39.13	5624.4	288.69
Rose of Oakhurst 42982	C	20	Mar	812.5	4.45	36.16		
		50	Apr	1146.2	5.03	57.65	1958.7	93.81

HOUGHTON, CLEMENT S., SHERBORN, MASS.								
Beauty of Stannox 58910	G	89	Apr	860.9	5.25	45.20	2587.7	128.17
Clotilde of Stannox 58140	G	30	Apr	873.9	4.91	42.91		
Edith of Graymont 25018	A	8	Feb	350.6	5.57	19.53		
		39	Mar	1418.3	5.57	79.00		
		69	Apr	1264.5	5.57	70.43	3033.4	168.96
Madeline of Stannox 58911	G	242	Apr	728.8	5.28	38.48	6109.1	289.65
Primrose of Stannox 50549	F	365	Apr	84.6	6.54	5.53	5680.1	340.35
Queen of Sherborn 53416	G	258	Apr	710.3	5.11	36.30	6142.0	296.90
HOWE, HENRY W., BEDFORD HILLS, N. Y.								
Butter Girl of Beaver Ridge 49334	E	89	Apr	1084.4	4.39	47.61	3722.6	154.42
Imp. Charmante's Coronation 27550	A	181	Apr	1116.4	4.33	48.34	8182.3	361.58
Winona Bay 2d 35922	A	106	Apr	1306.6	4.64	50.63	5264.9	239.75
HUMPHREY, A. B., ESCALON, CAL.								
Berkshire Lassie 35973	A	114	Mar	1091.7	5.11	55.79		
		144	Apr	1031.8	5.06	52.21	5387.9	276.48
Imp. Bourne End Polly of the Gron 59854	D	59	Mar	1119.9	4.50	50.40		
		89	Apr	914.1	5.11	46.71	3121.4	138.76
Imp. Daisy II. of the Courtil Ronchin 59843	C	18	Mar	591.6	4.07	24.08		
		48	Apr	1027.9	4.35	44.71	1619.5	68.79
Fairy of Alfalfa Farms 40105	B	195	Mar	613.4	6.37	39.07		
		225	Apr	574.0	6.11	35.07	6133.7	382.90
Golden Maid of Maple Lane 36736	A	310	Feb	765.0	5.42	41.46		
		341	Mar	728.5	5.43	39.56		
		365	Apr	453.3	5.58	25.29	13038.0	614.96
Lady Fernwood of Maple Lane36737	A	79	Mar	1058.3	4.89	51.75		
		109	Apr	947.7	5.18	49.09	3881.4	184.85
Linda's Princess of Maple Lane 32196	A	234	Mar	606.1	5.63	34.12		
		264	Apr	472.6	5.78	27.32	7525.4	387.33
Princess Ramona of Edgemoor 52581	F	52	Feb	863.0	5.05	43.58		
		83	Mar	863.1	5.03	43.41		
		113	Apr	751.4	5.32	39.97	3181.9	166.62
HYDE, T. E., BLOOMSBURG, PA.	**1 day test**							
Lady Dimple of Edgemont 39388	A	5	Mar	206.2	4.75	9.80		
Redie Dimple of Edgemont 44224	C	7	Oct	285.9	4.14	11.84		
		37	Nov	1367.6	4.14	56.62		
		68	Dec	1419.0	4.14	58.75		
		99	Jan	1214.5	4.62	56.11		
		127	Feb	950.5	3.78	35.93		
		158	Mar	1037.6	4.39	45.55	6275.1	264.80
ILLINOIS, UNIVERSITY OF, URBANA, ILL.								
Imp. Governor of the Chene's Mignonne 44452	B	161	Apr	667.7	4.17	27.84	5472.0	244.47
Icydale 3d 53875	E	13	Apr	258.6	4.18	10.81		
Isabinda of Spring City 29938	A	183	Apr	497.9	5.44	27.09	4513.4	264.40
INGERSOLL, C. JARED, FORT WASHINGTON, PA.								
Bonfire's Noble Flower 54238	G	120	Apr	861.4	4.86	41.86	3439.6	161.86
Hildesheimess 27160	A	21	Mar	523.8	5.33	27.92		
		51	Apr	829.7	4.84	40.16	1353.5	68.08
Hildesheim of Warriston 48599	E	42	Apr	655.4	5.36	35.13	897.5	48.69
Nelly's Noble Triumph 54237	G	101	Apr	848.2	4.79	40.63	2952.1	136.67
IOWA STATE COLLEGE, AMES, IOWA								
Rouge's Lily of Ames 58482	G	180	Apr	742.6	5.01	37.20	4956.1	243.76
JACKSON, R. B., BIRMINGHAM, MICH.								
Imp. Princess of the Rouvets II. 32068	A	269	Mar	696.2	4.87	33.90	6740.4	294.55
JEAN DU LUTH FARM, Inc., DULUTH, MINN.								
Imp. Daisy de la Forge 31969	A	75	Apr	1329.4	4.38	58.23	3487.8	136.15
Imp. Rose IV. of the Hechet 43660	B	261	Apr	383.7	6.30	24.17	5764.9	323.09
Imp. Ruddy II. 43654	B	146	Apr	619.1	4.98	30.83	3501.7	180.66
JONES, CHARLES, H., WELLESLEY FARMS, MASS.								
Imp. Bonita II. of les Bordages 39576	A	8	Mar	285.3	5.02	14.32		
		38	Apr	1580.9	5.02	79.36	1866.2	93.68
Imp. Butter Girl V. 52616	E	365	Apr	654.7	5.28	34.57	12202.5	636.57
Charmante's Jewel 49146	F	267	Apr	620.6	5.33	33.08	6158.4	302.76
Imp. Cosy of Follyland 41883	C	315	Apr	719.1	4.87	35.02	10434.6	478.25
Fillmore's Dolly Gray 49145	F	311	Apr	686.4	5.31	36.45	8314.5	443.11
Fillmore's May Rose 43455	D	266	Apr	733.3	4.79	35.13	7565.5	377.26
Fillmore's Topsy 51107	F	181	Apr	780.4	5.51	43.00	5185.6	266.24
Fillmore's Victoria 40119	C	289	Apr	853.2	4.85	41.38	10118.6	470.68
King's Deanie 2d 30700	A	133	Apr	962.7	4.68	45.05	4740.6	227.73
Imp. Linda of Truchon II. 51794	A	151	Apr	899.6	4.53	40.75	5115.6	235.96
Imp. President's Italia 29151	A	21	Apr	1016.7	4.69	47.68		
Imp. Princess of the Hall 51798	C	355	Apr	822.1	5.65	46.45	12663.9	636.63
Raymond's Charmante 38408	B	359	Apr	612.2	6.73	41.20	9568.3	591.78
Imp. Rose II. of The Carrefour 51805	D	249	Apr	823.5	6.09	50.15	7928.2	448.84

Maine

Good Breeding at Crocker Farm

E. G. Crocker of St. Albans has a fine herd of twenty-seven registered Guernseys. The head of the herd, Glenwood's Prince Eli of Lakefields 21990 is a great-grandson of the famous Glenwood Boy of Haddon 4605. Several of the cows are descendants of Masher's Sequel 11462 another noted sire. Mr. Crocker recently purchased of C. H. Jones of Wellesley Farms, Massachusetts, a young bull, Rose's Prince Holden 42818 a descendant of the famous bull, to whom he traces three times, Governor of the Chene 1297 P. S., a bull having sixty-four daughters in the Advanced Register. The granddam of Rose's Prince Holden 42818 produced 889 pounds of butter fat in a year's test. His mother is on test for the Advanced Register at the present time, and, barring accidents, will produce 650 pounds of butter fat with her second calf. His sire has one daughter in the Advanced Register with a record of 568.84 pounds of butter fat. One grandsire has five daughters in the Advanced Register with an average test of 568 pounds of butter fat. The other grandsire has five tested daughters with an average test of 554.5 pounds of butter fat. The sire of Rose's Prince Holden 42818 is a half-brother of Miranda of Edgewater 30970 with a record of 730.49 pounds of fat, and Cherry of Edgewater 38413 with a record of 732.97 pounds of fat, each as two year olds. A short time ago, Mr. Crocker sold two calves of excellent breeding to Clark J. Luce of Lexington, and a fine bull calf to John Page of St. Albans.

—MAINE FARMER

Hillswold Farm Sells Foundation Stock to New Breeder

W. C. Hawkes of Windham, Maine, has recently become interested in the Guernsey and is making a start towards a splendid herd in the future. Hillswold Farm has just shipped to him a fine bred heifer which is related on both sides to Advanced Register stock. Others will follow as fast as accomodations are made.

New York

Owasco Lake Stock Farm Sales

Owasco Lake Stock Farm owned by Otto W. Post, Ensenore, New York, reports the following sales of females for foundation herds: To William Marshall of Aurora, New York, two

WOODLANDS FARM

offers for sale

Woodland's Senegal 42282

Dropped Dec. 19th, 1916

Sire—King Masher 8th 20973

Sire—King Masher 11084 A. R.
Dam—Masher's Elsie 24986 A. R. 1967
Record, Class E, 745.75 lbs. fat
Retest, Class A, 855.34 lbs. fat

Dam—Senecta 28125 A. R. 2268
Record, Class F, 352.88 lbs. fat.
Retest, 136 Days, 296.78 lbs. fat.

Sire—Senator Trowbridge 11351 A. R., 4 daughters in A. R.

Dam—Nectarine 13671
2 daughters in the A. R.

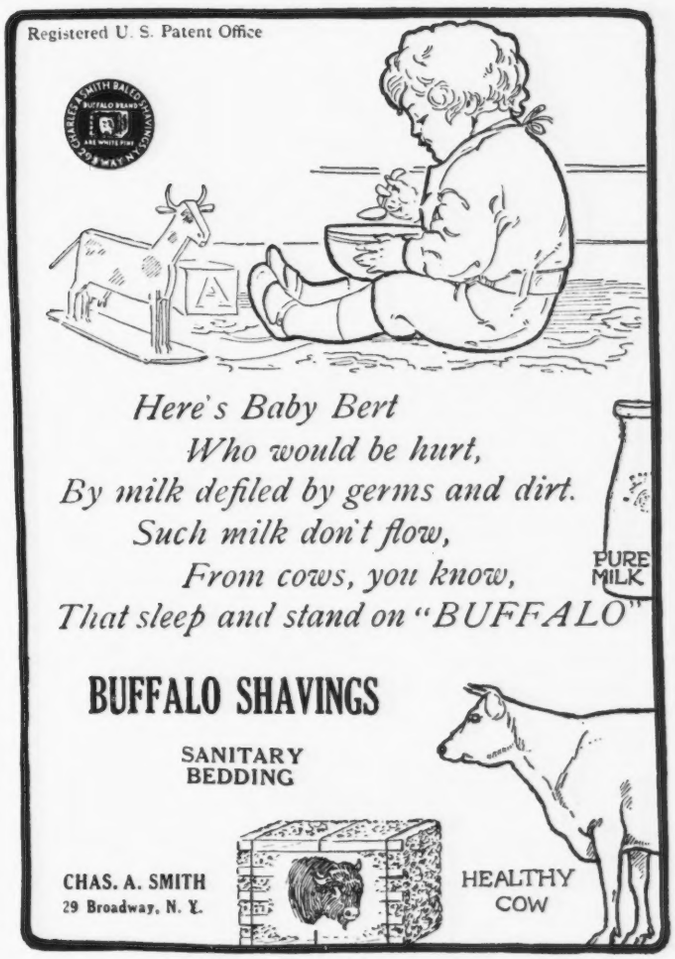
Woodland's Senegal shows conformation and quality

For further particulars apply to

W. B. JONES

DRAW O

White Plains : : New York



heifers, Ledyard Bay 2d's Hestia 63690 and Ledyard Bay 2d's Redina 63691 daughters of Advanced Register cows.

Dr. Thompson of Rutland, Vermont bought four heifers, Ledyard Bay 2d's Mary 53137, Ledyard Bay 2d's Buttercup 56071, Ledyard Bay 2d's June 63692 and Azucena's Ruth 63697.

William H. Gould of Burkville, Virginia purchased two young cows, Enola Bay 2d 53130 and Ledyard Bay 2d's Marie 53132, also one yearling heifer, Ledyard Bay 2d's Enola 63997.

B. N. Dickinson of Chazy, New York bought Hestia Bay 41187 with an Advanced Register record of 498.23 pounds of fat at three years old and Ledyard Bay 2d's Ruth 47764, a three year old daughter of Ruth of Owasco Lake 36800, record 12859.2 pounds of milk and 522.35 pounds of fat.

Ohio

Ohio Guernsey Breeders Meet

On May twenty-third the members of the Ohio State Guernsey Breeders' Association had their annual field day as guests of the secretary of the

Imp. Topsy de Carteret 35401	A	263	Mar	1365.3	4.35	59.39		
		293	Apr	1239.8	5.05	62.61	14803.4	645.65
Yeoman's Mary Nerio 44647	E	315	Apr	541.6	5.84	31.63	8121.5	409.84
JONES, J, C., RIDGE FARM, ILL.								
Appia of Eastside 38065	A	30	Apr	1078.0	5.40	58.21		
Blanche Hayes 2d 30210	A	5	Feb	161.8	3.46	5.60		
		36	Mar	968.8	3.70	35.85		
		66	Apr	827.9	3.90	32.29	1958.5	73.74
Rachel V. of Sherwood 35147	A	30	Apr	1039.0	3.72	38.65		
KNOTT, F. W. & SON, NILES, MICH.								
Beauty Eagle Empress of Riverdale 55541	G	28	Feb	755.8	4.45	33.63		
		59	Mar	796.7	4.30	34.26		
		89	Apr	737.2	4.43	32.66	2289.7	100.55
Iris of Pleasant View Farm 57003	G	22	Feb	650.7	4.13	26.87		
		53	Mar	798.6	3.75	29.95		
		83	Apr	805.0	4.21	33.89	2254.3	90.71
Lady of Niles 38211	A	22	Feb	401.2	6.40	25.68		
		53	Mar	527.5	7.25	38.24		
		83	Apr	424.0	6.37	27.01	1352.7	90.93
KUNHARDT, GEORGE E., NORTH ANDOVER, MASS.								
Yeoman's Rival of Hardtcourt 57535	D	351	Apr	328.1	5.76	18.90	6457.8	325.09
LAROCQUE, JOSEPH, FAR HILLS, N. J.								
Imp. Primrose of the Frie Baton 50044	E	31	Jan	874.7	4.78	41.81		
		59	Feb	743.6	4.78	35.54		
		90	Mar	779.6	5.12	39.92		
		120	Apr	670.8	5.23	35.08	3068.7	152.35
Imp. Rosette VI. de la Vieille Rue 50423	C	8	Dec	259.8	4.98	12.94		
		39	Jan	1014.0	4.98	50.50		
		67	Feb	859.7	4.98	42.81		
		98	Mar	926.0	4.90	45.37		
		128	Apr	837.1	5.35	44.78	3896.6	196.40

LEATON, HARRY, WYOMING, N. Y. 1 day test								
Madge's Pet of Alfred 49814	A	365	Mar	519.9	5.10	26.51	9220.6	433.32
Imp. La Grande XIII. du Bas Sejour 39651	A	335	Mar	672.9	3.75	25.23		
		365	Apr	625.9	4.80	30.04	10538.5	418.49
LINCOLN, A. L., NORWELL, MASS.								
Imp. Barteliver Dairymaid 59717	A	332	Apr	571.5	5.52	31.55	9811.6	547.10
Imp. Croupette 9th 45936	B	312	Apr	1049.1	4.26	44.69	12771.6	586.03
Lena Rose 53388	G	242	Apr	904.9	4.29	38.82	7798.7	346.63
Silene's Primrose 34764	A	102	Apr	1408.9	4.48	63.12	5030.1	225.92
LINDSAY, T. P., SOUTHBORO, MASS.								
Kate Dillon of Waumesit 30225	A	271	Apr	613.1	6.17	37.83	6669.6	371.74
Lynbrook Farm's Modena 47565	E	212	Apr	469.7	4.83	22.69	4454.2	200.80
Orange's Archeress 55147	G	273	Apr	557.0	5.43	30.25	6257.6	317.93
Waumesit's Armorel 4th 43422	B	89	Apr	1121.8	5.41	60.69	3774.3	183.00
LORING, ALBERT C., MINNEAPOLIS, MINN.								
Arabella of Woodcrest 2d 35936	A	23	Apr	953.2	5.26	50.14		
Beatrice of Woodend 39338	C	334	Apr	725.5	5.67	41.14	9394.3	463.11
Cora's Fanny of Woodend 41271	B	89	Apr	1039.1	6.11	63.49	3252.4	173.72
Emerita's Maid of Woodend 47986	E	141	Apr	601.7	5.95	35.80	3288.0	177.02
First Dawn of Woodend 38659	A	89	Apr	1318.1	5.95	78.43	3979.7	212.79
Governor's Maid of Woodend 38706	A	16	Apr	736.2	5.06	37.25		
Ina of Elmbrook 24932	A	345	Apr	254.1	4.83	12.27	8657.4	417.91
Lady Marshall McQueen 19812	A	264	Apr	473.9	6.23	29.52	5942.9	333.12
Lolita Marshall 18441	A	327	Apr	517.6	6.18	31.99	9198.4	445.02
Mayflower Marshall 4th 47979	E	171	Apr	784.3	5.21	40.86	4538.6	216.80
Imp. Primrose II. des Beaucamps 49528	C	304	Apr	729.0	5.51	40.17	8153.4	407.41
Rosalie of Woodend 39337	B	81	Apr	1242.4	5.77	71.69	3404.6	182.50
Sumbeam's Dawn 5th 37791	A	26	Mar	1205.4	4.49	54.12		
		56	Apr	1421.6	4.90	69.66	2627.0	123.78
LOVE, J. R., WAUKESHA, WIS.								
Lily of Normandie 6th 31298	A	360	Apr	631.3	5.46	34.47		
		365	May	103.3	5.46	5.64	10617.7	519.52
McBANE, W. S., EAST LIVERPOOL, OHIO. 1 day test								
Chedda's Doris of Overland View 54635	G	181	Apr	550.2	5.27	29.00	3891.1	205.37
Chedda's Fanny of Overland View 54634	G	351	Apr	446.1	5.30	23.64	6620.8	337.44
Chedda's Sunday of Overland View 54636	G	237	Apr	522.7	5.50	28.75	4715.3	285.69
Doris W. of Edgemont 32813	A	284	Apr	417.4	5.43	22.66	5679.5	287.67
Fancy of Overland View 37246	B	304	Apr	497.3	4.36	21.68	7042.6	333.47
Imp. Monogram's Anneville Maid 34083	A	332	Apr	609.5	4.85	29.56	8392.0	412.10
McEWAN, CHARLES B., ALBANY, N. Y.								
Druce's May Queen 45294	D	117	Apr	1152.9	4.45	51.30	4665.1	220.24
McFEE, FRANK, ONEONTA, N. Y.								
Arlena Mapleton 34002	A	365	Apr	389.6	7.01	27.31	7717.5	452.32
Auricula Mapleton 38348	A	124	Apr	748.5	4.67	34.95	4385.4	201.51
Dolly Mapleton 36880	B	365	Apr	671.5	5.46	36.66	11012.5	499.50
France Mapleton 40797	C	165	Apr	628.3	5.75	36.13	4420.9	230.73
Glenidore 2d 23389	A	223	Apr	756.2	5.43	41.06	6340.4	318.48
Imp. Goldia Mapleton 32798	A	157	Apr	639.5	5.62	35.94	3649.4	203.78
Princess Mapleton 53457	G	365	Apr	312.5	6.39	19.97	5914.3	316.30
Imp. Rose of Les Marais 32045	A	365	Apr	517.3	5.76	29.80	10034.4	506.29
Zenda Mapleton 49394	G	365	Apr	121.4	6.77	8.22	7742.3	465.00
McNAGNY, ROB. R., COLUMBIA CITY, IND.								
Verandess of Ulao 29241	A	167	Apr	982.2	4.05	39.78	7367.0	300.82
MACY, V. EVERIT, OSSINING, N. Y.								
Antoinette of Chilmark 24816	A	82	Apr	1659.3	4.37	72.51	4823.6	226.61
Antoinette of Chilmark 2d 48898	F	261	Apr	899.2	5.35	48.11	8176.0	442.85
Archer's Caroline of Chilmark 40860	C	365	Apr	692.8	5.11	35.40	10281.6	465.75
Beatrice of the Isles 2d 28011	A	341	Apr	976.5	5.11	49.90	12865.6	666.17
Itchen's Antoinette 48891	E	205	Apr	901.7	5.06	45.63	7689.7	365.95
King Masher's Lenore 48899	G	365	Apr	731.1	5.37	39.26	10060.5	509.73
Queen Itchen 52003	G	310	Apr	1059.0	5.16	54.64	10747.1	537.71
MARSH, W. W., WATERLOO, IOWA. 1 day test								
Bopeep's Marie of Iowa 48800	F	184	Apr	682.3	5.57	38.00	4509.1	243.81
Cherub's Rose of the Prairie 54718	G	181	Apr	641.4	5.55	35.60	4239.9	226.50
Dairymaid of the Prairie 54715	G	144	Apr	810.9	4.88	39.57	4568.1	206.54
Dairymaid's Alyssum 44988	D	102	Apr	903.0	5.16	46.59	3222.1	177.27
Dairymaid's Jedetta of Iowa 45554	D	232	Apr	597.4	5.50	32.86	5238.9	272.75
Dairymaid's Snowdrift 44989	D	89	Apr	1050.5	4.19	44.02	3264.2	129.80
Dewdrop's Queen of the Prairie 57390	G	299	Apr	420.9	6.03	25.38	5034.3	242.48
Figtree of the Prairie 54721	G	77	Apr	1022.0	5.04	51.51	2758.9	129.85

association, H. C. McCamon of Lisbon, Ohio. In spite of unfavorable weather conditions, over one hundred people attended. Much interest was excited by the splendid lot of imported heifers which the McCamons offered for sale on May 29th. The stock was in splendid condition, and about 100 were in the barn for inspection.

After a liberal luncheon served on the lawn, the guests assembled in the upper part of the barn to participate in the business session, and to listen to several talks. President E. H. Campbell of Salem, Ohio called the meeting to order and the minutes of the meeting held in Columbus in January were read and approved.

F. B. Hills, representing THE AMERICAN GUERNSEY CATTLE CLUB spoke of the development of the breed during the past year and outlined the present tendencies in breed expansion. He discussed the work of the Advanced Register, especially calling attention to the new addition to the present system, approved at the annual meeting of the CLUB in New York the week previous.

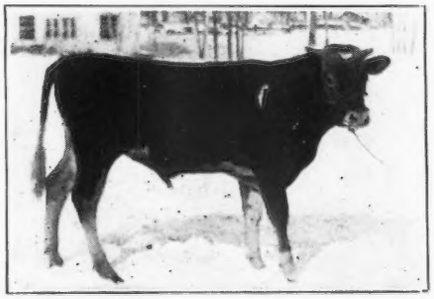
Professor Oscar Erf discussed the work of the state dairy association and called for support by the Guernsey breeders in the work it is seeking to accomplish.

Interesting short talks were given by E. H. Baker of Cleveland, newly elected member of the Executive Committee of THE AMERICAN GUERNSEY CATTLE CLUB, O. A. Bartlett of Thompson, vice president of the Ohio state association, R. D. Gates of Novelty, the former president of the association, A. C. Rameyer of Smithville, and E. G. Hibbs, newly elected County Agent and well known to Guernsey breeders in Minnesota.

Vermont

F. H. Quimby Buys Well Bred Sire

F. H. Quimby owner of The Highlands at East Barnet, writes that he has recently purchased Lone Pine Imperator 39962 from F. D. Stout of



LONE PINE IMPERATOR 39962

JOIN THE CLUB

NOW

Application Blanks on Request

American Guernsey Cattle Club

Peterboro, N. H.

PIONEER BALED SHAVINGS

Patriotism demands that you use

PIONEER BALED SHAVINGS

as Bedding for your live-stock, in order to save time, labor and money, and to secure a more valuable Fertilizer for your crops.

Leading Cattle Breeders, Experiment Stations and Agricultural Colleges recommend and use SHAVINGS instead of straw. Shavings are a necessity where certified milk is produced. Write for Free Circular and price on car lots, delivered at your station.

NEW ENGLAND BALED SHAVINGS CO.

42 State Street :: :: :: Albany, N. Y.

Wisconsin. The bull was dropped July 1, 1916 and is a good individual as can be seen from his picture.

His sire is Langwater Hayes Rosie's King of the May 16723 A. R., a son of Imp. King of the May 9001 A. R. and Langwater Hayes Rosie 24200 with three records including one of 645 pounds.

His dam, Lyla of Lone Pine 51687 is now on test in class G and has produced in 296 days 337.98 pounds of fat. She traces back to Governor of the Chene 1297 P. S.

Wisconsin

Monroe County Breeders Organize

On March 23d we organized what will be known as the Norwalk Wilton and Ontario Guernsey Breeders' Association, located in the southeastern part of Monroe County, Wisconsin. Bad weather prevailing that day there were not as many present as we expected, but those who dared the weatherman, showed the right spirit and a lively interest enough to insure the future of the association.

Among the rules adopted, were membership fees, fifty cents, No annual dues thereafter.

Imp. Golden Cherry of Iowa 52105	F	11	Mar	352.5	3.88	13:68	
		41	Apr	1108.7	3.88	43.02	1461.2	56.70
Imp. Hayes Citron 3d 44981	D	340	Apr	582.5	6.27	36.52	8560.4	486.44
Imp. Hayes Express 8th 44982	C	100	Apr	819.8	5.08	41.65	3103.4	143.71
Imp. Hayes Express 9th 67866	E	299	Apr	782.1	5.53	43.31	8381.1	429.32
Imp. Hayes Felois 4th 53139	A	181	Apr	1260.3	5.06	63.77	8271.2	408.18
Imp. Hayes Felois 13th 67868	E	299	Apr	506.8	5.03	25.49	6410.6	326.36
Imp. Hayes Golden Cherry 8th 67858	A	80	Apr	1523.6	3.83	58.35	3979.9	151.65
Imp. Hayes Lady Mary 67880	F	17	Apr	547.4	4.54	24.85		
Imp. Hayes Lily du Preel 7th 67857	A	298	Apr	814.2	5.23	42.58	10520.7	489.65
Imp. Hayes Lily du Preel 8th 44976	B	160	Apr	939.1	4.83	45.36	5439.8	267.74
Imp. Hayes Mabel 67870	F	299	Apr	874.6	5.19	45.39	8621.9	416.46
Imp. Hayes Snowdrop 8th 67872	E	30	Apr	972.4	4.12	40.06		
Imp. Hayes Sweet Marjoram 3d 67852	A	120	Apr	1377.1	4.29	59.08	5525.3	223.49
Imp. Itchen Pine Blossom 2d 43158	B	98	Apr	1255.0	4.78	59.99	4398.3	194.61
Jeanette of the Prairie 54716	G	181	Apr	524.0	5.00	26.20	3862.1	183.71
Imp. Jessamine of the Ponchez 52788	A	86	Apr	1353.3	4.95	66.10	4396.7	214.01
Imp. Lady Jebbe 1st 52343	A	11	Mar	479.5	3.97	10.94		
		41	Apr	1512.0	3.97	60.03	1991.5	79.07
Lillia of the Prairie 54722	G	345	Apr	505.8	5.72	28.93	6569.2	335.86
Lily of the Prairie 54714	G	279	Mar	617.1	7.43	45.85		
		309	Apr	582.8	5.99	34.91	6210.3	381.24
Madame Irene of The Maples Farm 43371	D	206	Apr	558.9	5.49	30.68	4414.3	228.50
Imp. Marie II. of la Maison d'Aval 34355	A	109	Apr	1525.1	4.62	70.46	5884.9	280.35
Marie's Bopeep of Iowa 48801	F	209	Apr	455.8	5.23	23.84	3787.3	188.29
Imp. Roehampton Daisy 52356	E	183	Mar	1042.5	6.97	72.66		
		213	Apr	943.4	4.92	46.42	7603.0	435.36
Roehampton Deanie 3d 52364	G	301	Apr	462.8	6.76	31.29	5739.4	316.27
Imp. Roehampton Grace Darling 52366	G	329	Apr	605.7	4.80	29.07	6904.8	321.64
Imp. Roehampton Lily of the Preel 2d 52345	A	306	Jan	807.5	6.15	49.66		
		334	Feb	636.6	5.28	33.61		
		365	Mar	505.3	5.33	26.93	11839.4	553.88
Imp. Rose des Houards 44th 67851	A	181	Apr	881.7	5.03	44.35	5820.1	266.28
Imp. Rose des Houards 59th 44975	A	28	Apr	1612.2	3.48	56.10		

MERICKEL & NELSON, EAGLE BEND, MINN.								
Beauty of Englewood 41673	B	61	Apr	947.8	3.65	34.59	1940.3	71.71
Glenwood's Minnewaska 43405	B	30	Apr	1025.1	4.18	42.85		
Imp. Governor's Lady Carpathia 40189	B	151	Apr	727.0	4.74	34.36	3892.1	186.02
Lady Panama 41218	B	121	Mar	619.9	5.50	34.09		
		151	Apr	550.0	5.60	20.80	3340.8	191.18
Minnie of Englewood 41672	B	147	Apr	845.9	4.82	40.77	4916.3	234.24
MERRYMAN, LOUIS McLEAN, COCKEYSVILLE, MD.								
Clare of Gerar 49122	D	17	Feb	733.0	4.15	30.42		
		48	Mar	1390.1	4.36	60.61		
		78	Apr	1337.7	4.16	55.65	3460.8	146.68
Hepsy of Locust Lane 72526	D	26	Mar	1025.6	4.44	45.54		
Hilda Cole of Westwood 32921	A	41	Apr	1048.4	4.05	42.46	1386.1	57.66
King of the May's Princess 56937	G	43	Apr	1117.5	4.07	45.48	1562.9	64.72
May Queen of Gerar 53662	G	310	Mar	642.0	6.55	42.05		
		340	Apr	633.2	5.72	36.22	7278.0	430.20
Molly of Gerar 52292	F	267	Apr	903.7	4.93	44.55	7923.8	365.97
MICHIGAN AGRICULTURAL COLLEGE, EAST LANSING, MICH.								
Carrie of Hillhurst 34864	A	119	Apr	1310.4	4.83	63.29	5528.8	279.17
MINNESOTA, THE UNIVERSITY OF, ST. PAUL, MINN.								
Miss Nancy of Canterbury 26465	A	365	Apr	473.7	4.77	22.60	13089.4	597.98
MITCHELSON, ARIEL, TARIFFVILLE, CONN.								
Imp. Alexandrina 18th 65689	G	304	Apr	372.3	4.43	16.49	4744.7	219.98
Imp. Alexandrina 19th 65698	G	159	Apr	767.7	4.89	37.54	4187.1	183.41
Imp. Daisy of Clovelly 67000	F	110	Apr	778.0	4.15	32.29	3039.5	131.61
Imp. Daisy III. of La Moinerie 69279	F	20	Mar	631.0	4.77	30.10		
		50	Apr	1000.3	5.10	51.02	1631.3	81.12
Imp. Donnington Fawn 4th 59864	D	109	Apr	662.0	4.42	29.26	2412.4	113.21
Imp. Durrington Buttercup 3d 60210	G	334	Apr	394.6	5.43	21.43	4892.5	266.45
Imp. Primrose V. du Pont 61271	F	267	Apr	575.8	4.56	26.26	4977.2	227.54
Imp. Primrose of Myrtle Place 65767	G	18	Mar	420.1	5.75	24.16		
		48	Apr	726.9	4.99	36.27	1147.0	60.43
Imp. Primula II. 48462	C	211	Apr	521.3	4.94	25.75	4731.3	218.60
Imp. Richesse Rhea III. of the Chene Farm 69264	E	101	Apr	630.1	5.08	32.01	2277.6	117.11
MORLOCK, AUGUST, WATERVLIET, MICH.								
Ella's Florence V. 41352	B	26	Mar	926.7	4.51	41.79		
		57	Apr	992.5	4.51	44.76	1919.2	86.55
Glenwood's Princess Thelma 37446	A	16	Mar	465.5	4.66	21.69		
		46	Apr	1025.8	4.66	47.80	1491.3	69.49
Harriett Polly Prim 53056	F	18	Mar	530.8	4.04	21.44		
		48	Apr	972.4	4.04	39.28	1503.2	60.72
MOSELEY, F. S., NEWBURYPORT, MASS.								
Duchess May of Maudesleigh 33162	A	30	Apr	1561.8	4.21	65.75		
Duchess May Rose of Maudesleigh 62315	F	273	Apr	711.0	5.75	40.88	7427.0	399.71
Mayflower of Maudesleigh 42579	A	268	Apr	487.0	5.83	28.39	7303.3	373.93
Princess May of Maudesleigh 47995	B	45	Apr	1316.3	5.14	67.66	1909.2	96.65
Rose Bloom of Maudesleigh 53680	B	77	Apr	1137.0	4.88	55.49	3014.7	166.28
MURPHY, R. G., & GOCKERELL, M. J., PAINESVILLE, OHIO								
Edith of Darlington 59483	G	346	Apr	690.6	4.68	32.32	9468.3	442.66
Susan's Glint o' Gold 52793	G	350	Apr	426.2	5.27	22.46	7989.5	422.92
NEBRASKA, UNIVERSITY OF, LINCOLN, NEB.								
Patsy Lincoln 69404	G	46	Apr	615.5	4.26	26.22	934.3	38.21
Peach Lincoln 31773	A	48	Apr	1362.5	3.79	51.64	2148.2	86.53
Pearl Lincoln 48743	C	72	Mar	957.4	4.48	42.89		
		102	Apr	899.5	4.38	39.40	3148.0	130.71
Princess Lincoln 48550	E	168	Apr	576.2	4.51	25.99	4008.2	166.29
Squire des Blicqs's Helene of Beatrice 47999	D	86	Apr	1061.1	4.43	47.01	3361.3	164.92
Squire des Blicqs's Ramona of Beatrice 49001	E	138	Apr	927.1	4.49	41.63	4934.8	226.94
NEW HAMPSHIRE COLLEGE, DURHAM, N. H.								
Goldfinch of the Glen 29560	A	16	Apr	615.6	3.86	23.76		
Lena of the Glen 49444	E	28	Apr	925.3	4.15	38.40		
OGLEBAY, E. W., WHEELING, W. VA.								
Pride's Violet of Waddington 51410	G	151	Apr	697.9	5.69	39.71	3692.9	199.13
Raider's Beta Jipsultana of Waddington 51771	G	211	Apr	688.8	5.64	38.85	4934.6	257.01
Raider's Daisy of Waddington 51412	G	349	Apr	560.1	5.86	32.82	7436.5	385.39
Raider's May Wort 48110	E	109	Apr	1228.5	4.65	57.13	4516.3	188.29
OHIO STATE UNIVERSITY, THE, COLUMBUS, OHIO								
Kaloolah's Maid's Valentine 60497	G	30	Apr	776.2	4.89	37.96		
OLESON, A. O., LIVINGSTON, WIS.								
Caroline of Yeksahurst 50913	F	126	Feb	704.3	5.33	37.54		
		157	Mar	766.6	5.32	40.78		
		187	Apr	710.7	5.29	37.60	4987.4	251.17

Expenses of the association will be met by an assessment of fifty cents each, on grade cows and heifers sold through the aid of the association, and one dollar each for sales on trades of registered animals aided by the association.

The breeders realized that if the association is to be a permanent one, they do not want to be chasing after members for their dues, also that the expenses should be charged rightly to the breeders realizing the benefit.

Officers elected were: president, August Dreier, Norwalk; secretary and treasurer, M. E. Schwarz, Sparta; directors, Will Brandan, Wilton Thos. Barry, Wilton and Werner Luethe, Norwalk.

—M. E. Schwarz, Sec.

Foreign

Annual Meeting of the Royal Guernsey Agricultural and Horticultural Society

We quote as follows from a report in the Guernsey Weekly Press of the annual meeting of the Royal Guernsey Agricultural and Horticultural Society on the Island:

"The annual general meeting of the Royal Guernsey Agricultural and Horticultural Society, was held in the Y. M. C. A. Room, States Arcade, at 2:30 on Thursday afternoon, February: 15, under the chairmanship of Osmond Prilaux, president, supported by Messrs. John Carre, W. H. Foote, and A. W. Bell, vice presidents, Henry Carre, secretary-treasurer and T. Savident, assistant secretary.

"There were some seventy members present, including the Hon. C. R. Molesworth, Captain R. McCrea, and Messrs. Jas. Martel (Villocq), F. Jehan, T. W. Palmer, T. Mansell Simon, Alfred Le Patourel, E. H. Ogier, C. B. Blampied, James A. Tostevin, Peter Martel, sen., J. W. Tostevin, James Le Page, H. Britten, T. R. Gallienne, J. R. Gibbons, John Le Page, William Mauger, J. J.Gavey, A. J. Hocart, Frere Ananias (Vauxbeletes), Ernest de Garis, Charles Kitts, H. Mahy, N. J. Heaume, P. B. Le Patourel, E. J. Mahy, H. J. Ozanne, G. Browning, H. Hamley, F. Le Parmentier, and Miss Millar-Bowman.

"The minutes of the last annual general meeting were read and confirmed, after some discussion on points raised by Captain McCrea. The minutes of the three special general meetings were also confirmed.

"The financial statement and report of the secretary-treasurer were also adopted.

"The meeting decided to grant the sum of £5 to the annual Sark Show, should it be held, on an application from H. S. Stock, secretary of the Sark Cattle Show.

"Alterations to Herd Book rules were also made.

"It was decided that owners of bulls likely to be exhibited at future shows might, when the dam was in her best condition, require the Herd Book Council, or two judges appointed by that body, to see such dam, and award her points according to her conformation, such award to remain on record on the books of the Society.

"On the proposition of Alfred Le Patourel, seconded by W. H. Foote, it was decided that when such a dam has qualified for the Advanced Register, points are to be added to her points for conformation, on the basis of two points for every fifty pounds butter fat she has produced in excess of official requirements.

General

A Good Method of Measuring Milk for Calves

A girl who feeds a number of calves in North Dakota describes in The Dakota Farmer a handy way of measuring the milk. Where a large number of calves are fed it will save a good deal of time.

Take a hard maple or other close grained stick about as long as the calf pails are deep. Pour a quart of milk into the pail, put the stick into the milk to the bottom of the pail and make a notch at the top of the milk. Pour in another quart and make another notch and so on. The stick should be scalded with the pails and cans.

City Milk Supply

One of the most complete books on the subject of supplying milk for city trade has recently been received at the office. This book which carries the above title is written by Horatio Newton Parker and is published by the McGraw-Hill Book Company of New York.

Professor Parker was formerly health officer of Montclair, New Jersey, and lately has been instructor in municipal and sanitary dairying at the University of Illinois. He is also a member of the International Association of Dairy and Milk Inspectors.

Cherry Blossom of Yeksahurst 42599	C	100	Mar	1108.7	4.08	45.23		
		130	Apr	1003.4	4.16	41.74	4732.2	196.56
Fannie's Gloria 29470	A	83	Apr	1110.4	4.97	55.19	3289.3	156.83
Madame Cherie 35699	A	88	Mar	1329.7	4.10	54.52		
		118	Apr	1186.0	4.20	49.81	5172.7	210.34
Missy of Yeksahurst 42598	C	134	Apr	722.2	5.67	40.95	3928.5	213.60
Missy Willow 33889	A	220	Apr	785.8	4.75	37.33	7786.5	372.18
Nancy of Yeksahurst 51755	F	137	Apr	896.8	5.08	45.56	4370.1	213.58
Pattinette 26837	A	217	Apr	1026.9	4.99	51.24	8831.6	450.15
Patti of Helendale 23105	A	254	Apr	600.8	5.00	30.04	6065.9	308.18
Yeksanette 42600	D	215	Apr	952.7	5.19	49.45	7327.7	377.93
PALO ALTO STOCK FARM, Inc., PALO ALTO, CAL.								
Imp. England's Lady Orange 65663	A	114	Apr	1251.1	5.16	64.56	4885.9	238.64
Kitchener's Dainty Lass 37884	A	99	Apr	1351.1	5.38	72.69	4272.4	219.46
Mysie's Jane of Alta Vista 31874	A	114	Apr	1443.6	4.35	62.80	5497.5	228.61
Imp. President's Doris of Lewison 32145	A	30	Apr	1705.6	5.80	98.92		
PEARSON, EST. H. H., Jr., CLAIBORNE, MD.								
Imp. Froome's Queen 28706	A	296	Apr	443.8	5.38	23.88	8044.0	429.89
PHILLIPS, M. T., POMEROY, PA.								
Dora A. of Seneca 36974	A	293	Apr	778.0	5.58	43.41	8991.3	432.47
Golden Pauline of Pomeroy 56152	G	193	Apr	770.1	4.71	36.27	5154.9	230.93
Matilda May Rose 30774	A	279	Apr	542.0	5.12	27.75	8710.2	408.59
Matilda of Pomeroy 50086	F	271	Apr	544.1	6.32	34.39	6262.8	345.35
May King's Ideal 40323	B	147	Apr	1202.1	4.85	58.30	6312.9	294.75
Nankeen 6th 43850	A	104	Apr	949.8	5.48	52.05	4114.1	193.23
Royal's Lady Jane 53604	G	91	Apr	1141.6	4.14	47.26	3793.0	147.60
Royal's Pretty Pearl 50085	G	349	Apr	567.4	4.69	26.61	8589.5	372.75
Toma of Hillstead 18834	A	129	Apr	1602.8	4.25	68.12	7253.8	291.73
PYNE, PERCY R., BERNARDSVILLE, N. J.								
Chaperone of Upton Pyne 54222	G	101	Apr	937.7	5.15	48.29	3320.9	166.66
Irene of Upton Pyne 54220	G	161	Apr	706.5	5.59	39.49	4071.7	224.84
QUINN, FRANK J., PEORIA, ILL. 1 day test								
Imp. Maggie of Sarnia 35631	A	61	Feb	807.0	3.72	30.02		
		92	Mar	849.1	3.98	33.80	2994.3	136.39
REED, M. L. COAL VALLEY, PA.								
Rose of Locust Hill 4th 55874	G	165	Mar	673.4	6.35	42.76		
		195	Apr	625.3	5.61	35.08	4648.1	251.34
RICE, EST. W. B., PETERBOROUGH, N. H.								
Camilla's May of Fox Run 44915	E	334	Apr	575.2	4.88	28.07	7907.0	365.88
Langwater Lady Love 49698	G	331	Apr	651.3	4.78	31.13	8809.4	394.95
ROBERTS, T. W. & I. W., BALA, PA.								
Clover of Pencoyd 2d 35083	A	115	Mar	1388.0	5.24	72.73		
		145	Apr	1402.9	4.99	70.00	6711.1	329.82
Clover of Pencoyd 3d 48274	D	23	Mar	920.9	4.33	39.87		
		53	Apr	1357.2	4.33	59.20	2288.1	99.07
Nella Jay 3d 35082	A	22	Mar	1017.6	3.96	40.30		
		52	Apr	1674.9	2.96	66.33	2692.5	106.63
Nella Jay 4th 38233	A	30	Apr	1704.2	4.54	77.37		
Nella Jay 6th 55417	E	291	Apr	1054.0	5.29	55.76	9707.0	466.34
Pencoyd Rose 42432	C	9	Mar	326.5	3.76	12.28		
		39	Apr	1630.2	3.76	61.30	1956.7	73.58
Vrangue of Pencoyd 31297	A	212	Apr	827.9	4.78	39.57	6794.2	294.61
RUNDELL, DALE E., LIVINGSTON, WIS.								
Ada of Ore Hill 51385	F	181	Feb	655.0	5.21	34.13		
		212	Mar	689.2	5.01	34.53		
		242	Apr	655.8	5.20	34.10	5909.0	285.68
Imp. Adelia of Ore Hill 52264	C	102	Feb	1118.3	5.37	60.05		
		133	Mar	1177.0	4.67	54.97		
		163	Apr	1107.5	4.88	54.05	6636.2	326.53
Agnes of Ore Hill 51384	F	147	Feb	624.2	4.58	28.59		
		178	Mar	689.1	4.94	34.04		
		208	Apr	680.4	4.80	32.66	4900.2	227.48
Arlene of Ore Hill 53342	G	143	Feb	517.9	6.08	31.49		
		174	Mar	516.5	5.57	28.77		
		204	Apr	467.3	5.57	26.03	3852.5	209.02
Imp. Aurora of Ore Hill 52278	E	168	Feb	570.9	5.03	28.72		
		199	Mar	587.6	5.24	30.79		
		229	Apr	490.9	5.31	26.07	5339.1	262.48
Mary of Ore Hill 49645	E	27	Mar	1047.3	4.66	48.80		
		57	Apr	1236.7	4.50	55.65	2284.0	104.45
Imp. Nelly of Ore Hill 48062	C	26	Mar	943.5	4.71	44.44		
		56	Apr	1191.8	4.80	57.21	2135.3	101.65
Susie of Ore Hill 49345	E	24	Feb	749.6	4.20	31.48		
		55	Mar	1056.5	4.00	42.26		
		85	Apr	1033.4	3.82	39.48	2839.5	113.22
RUNDELL, F. B. & NICHOLSON, R., LIVINGSTON, WIS. 1 day test								
Imp. Blanche of Maplelawn 47333	D	365	Apr	426.7	5.00	21.34	10090.0	486.14
Imp. Fanny of Maplelawn 48078	B	353	Apr	622.3	5.44	33.85	9703.8	441.28

Imp. Jane of Springfield II. 55353	A	94	Apr	1104.3	4.39	48.48	4000.2	172.45
Imp. Minnie Sailor of Maplelawn 59555	G	68	Apr	840.8	4.90	41.20	1873.5	83.33
Imp. Rosie II. of les Buttes 53763	C	304	Apr	836.2	4.87	40.72	8826.1	417.79
Imp. Select II. of Le Marais 53766	C	159	Apr	647.2	5.61	36.31	3799.5	206.56
Imp. Turquie Rose 53767	A	192	Apr	804.6	4.37	35.16	5674.6	243.10
RUNDELL, HOMER F., LIVINGSTON, WIS.								
Imp. Alma of Linwood 51573	D	139	Apr	986.7	4.43	43.71	5369.7	231.56
Imp. Annie of Linwood 51555	C	177	Apr	902.0	4.98	44.92	6248.8	301.63
Imp. Atlantis of Linwood 51581	D	53	Apr	967.1	4.13	39.94	1616.1	66.94
Du Port's Lily Queen 35118	A	212	Apr	883.1	4.51	39.83	6371.6	281.01
Frances of Upper Freehold 45255	D	132	Apr	1086.6	4.41	47.92	5943.5	263.22
Ideal of Alfalfa Farms 40750	A	200	Apr	1032.4	5.84	60.29	7928.8	439.82
Ideal of Linwood 47864	D	9	Mar	279.8	4.30	12.03		
		39	Apr	965.0	4.30	41.50	1244.8	53.53
Sweetness of Linwood 51085	F	212	Apr	765.1	5.22	39.94	5763.4	306.40
RUNDELL, LLOYD, ROBERTS, WIS. 1 day test								
Imp. Clara of St. Croix 54125	F	176	July	827.2	4.08	33.75		
		207	Aug	704.3	4.14	29.16		
		237	Sept	659.5	4.88	32.18		
		269	Oct	605.5	5.03	30.46		
		298	Nov	553.5	5.30	29.34		
		329	Dec	561.2	5.33	29.91		
		360	Jan	543.2	5.05	27.43	8796.5	390.82
RUSSELL, G. C., WILLOUGHBY, OHIO								
Baby May of Maple Ridge 42137	A	135	Apr	947.9	5.24	49.67	4423.0	230.61
Imp. Captain Lyon's Lady Petite 37625	A	139	Apr	791.9	4.98	39.44	4003.1	208.56
France's Lilly 26487	A	5	Mar	185.8	4.00	7.43		
		35	Apr	1264.1	4.00	50.56	1449.9	57.99
May McKenzie of Sunset Lodge 25122	A	127	Apr	1250.0	4.52	56.50	5271.0	250.33
Minnie of Indian Hill 29471	A	117	Apr	1188.5	4.21	50.04	4812.9	207.03
Imp. Pleasant II. of La Turquie 35828	A	68	Apr	1083.3	5.22	56.55	2508.4	130.71
RUTHERFORD, WILLIAM H., MADRID, N. Y. 1 day test								
King's Orrie 47319	A	237	Apr	1073.5	4.29	46.05	9269.8	372.56
Prissy of Madrid 28122	A	237	Apr	685.9	4.67	32.03	8668.3	403.40
RYAN, THOMAS F., OAK RIDGE, VA.								
Imp. Beauty III. du Douvre 34254	A	151	Mar	1192.9	6.46	77.06		
		181	Apr	1110.3	6.69	74.28	7713.5	459.63
Imp. Daisy Moon V. 34248	A	90	Mar	1357.4	4.54	61.63		
		120	Apr	1233.7	4.63	57.12	5251.0	234.92
Effie of Alfalfa Farms 31058	A	212	Mar	1241.6	5.16	64.07		
		242	Apr	1220.3	4.94	60.28	10528.8	521.02
Emma of Alfalfa Farms 31057	A	30	Apr	1327.8	5.22	69.31		
Imp. Fleurie XIII. 34252	A	186	Mar	963.4	5.79	55.78		
		216	Apr	911.3	5.20	47.39	8336.9	429.54
Lillie of Alfalfa Farms 31055	A	317	Mar	1060.1	5.63	59.68		
		347	Apr	1046.6	5.63	58.91	13017.3	670.98
Maggie of Alfalfa Farms 31048	A	365	Mar	621.1	5.73	35.59	15163.6	774.17
SADTLER, H. P., BALTIMORE, MD. 1 day test								
Criterion's Fawn Lily of Bellview 59760	G	121	Apr	722.9	5.40	39.04	3069.1	143.46
SALISBURY, B. F., FAIRFAX, VA. 1 day test								
Miss Sybil of Willowmere 63228	E	284	Apr	526.0	5.50	28.93	6918.0	299.57
Miss Virginia 26826	A	346	Apr	493.8	6.10	30.12	8545.6	453.02
SATTISON, E. S., STRATHMORE, CAL.								
Mota's Fidelity 56235	G	191	Apr	564.1	5.50	31.03	4247.6	237.18
Thelma of Sunny View 53158	G	203	Apr	533.1	5.57	29.69	3764.4	226.80
SCOVILLE, ROBERT & HERBERT, TACONIC, CONN.								
Eureka of Grasslands 54759	G	162	Apr	978.1	3.96	38.73	5120.3	209.36
Polly of the Circus 54758	G	231	Apr	757.4	4.56	34.54	8127.1	350.87
SEAMAN, J. H., GLENS FALLS, N. Y. 1 day test								
Beauty's Best of Folly Land 31803	A	149	Jan	706.4	6.06	42.81		
		177	Feb	627.9	6.51	40.88	4707.8	299.50
Coquette of Whitehall 28674	A	153	Jan	747.4	5.14	38.42		
		181	Feb	666.0	5.14	34.23	4796.0	248.37
Sunshine of Follyland 39495	C	339	Jan	304.3	5.24	15.95		
		366	Feb	247.1	5.79	14.31	9026.4	447.44
SEARS, EDMUND, WAYLAND, MASS.								
Buttercup of Geneva 41957	D	286	Mar	532.0	8.29	44.10		
		316	Apr	340.1	7.28	24.76	8718.8	512.08
Imp. Jewel of Indian Bridge 47356	E	242	Apr	826.3	5.13	42.39	6705.3	330.13
Imp. Pearl King's Marmora 50334	D	181	Apr	846.5	5.67	48.00	5517.2	294.24
Tilbury's Fillpail of Branford 48222	E	103	Apr	700.5	4.72	33.06	2654.6	120.02
Wenonah of Indian Bridge 54417	G	100	Apr	687.8	4.66	32.05	2327.3	100.96

The book appearing simultaneously with the series of articles running in The Delineator on the milk question will prove of interest to all dairymen who in anyway supply a retail trade. There is no question but that the articles appearing in The Delineator will cause an awakening among consumers that will necessitate a house-cleaning by many dairymen. The entire milk situation is covered in Professor Parker's book from its history to detailed cost and methods of producing clean milk. The chapter captions are: Milk, Disease Communicable in Milk, Dairy Cattle and The Dairy Farm, Sanitary Milk Production, The Transportion of Milk The Milk Contractor and Control of the Public Milk Supply.

The book contains 493 pages, each page packed full of interesting and instructive data.

A Litter of Calves

I have a cow which in the spring of 1915 gave birth to three calves as a two year old. One was a bull calf, which died, but two heifers lived. In 1916 the cow did not freshen, but on March 17, 1917, as a four year old she gave birth to four bull calves, all alive at birth, but three have died since. They were nice, straight calves, weighing about 35 pounds each. The cow is all right. She is a Guernsey and was bred to a registered Guernsey bull.

– O. J. Harris, American Agriculturist

An Appeal to the Friends of the Dairy Cow

The National Dairy Union again finds itself forced to come to you for the financial support necessary to enable it to continue its efforts to protect the dairy and creamery industry. It is not a pleasant task for the officers of our organization to come to you year after year and ask you for money to protect your industry, but we have never been able to carry on our work without money, and we have no other way to get it. We conduct the affairs of our organization as cheaply as we can; all the officers are giving their time without any remuneration whatever, there being just one salaried person, the Secretary, and he gives his entire time to the work.

It is needless for us to dwell upon what we have accomplished during the past year, suffice to say we won one of the greatest victories ever won over the Oleomargarine forces who were backed by the packing house

interests of the entire country with their unlimited millions of money.

The argument put forth by the "bull butter" crowd leads one to infer that they are not only a competitor of butter, but claim some kind of a prior right for their imitation product. The definition for oleomargarine is so broad that any kind of grease can be used in its manufacture. The formulas recorded in the Patent Office at Washington, D. C., prove this assertion. Common sense tells us that there is no substitute for butter. Their imitations do not have quality or contain the nutriments butter contains.

Dairy husbandry is necessary for a successful and progressive agriculture, and a well-fed people. The attack made on the dairy business is in the interests of private monopoly, and not for the best interests of the nation.

If our industry is protected our organization must be maintained. We know whereof we speak when we say that the plans are made by the oleomargarine forces to again undertake to secure their desired legislation, and the fight is liable to come on at any time.

Your funds are protected. The Treasurer who handles your money is under bonds and in addition to this an auditor audits his books each month and sends a report of his findings to each of the officers, which report is published each month in the Dairy press, and the names with the amounts contributed are also published.

We need your support both moral and financial, without it we are powerless.

Send all contributions to the Treasurer of The National Dairy Union, S. B. Shilling, 136 West Lake Street, Chicago, Illinois.

We thank you for giving this matter your prompt attention.

N. P. Hull, President

Wm. T. Creasy, Secretary

Sell Your Farm Through the Cow

When you ship a bushel of corn, you ship thirty-seven cents' worth of soil fertility from your farm. When you ship a bushel of oats, you ship thirty-two cents' worth of soil fertility; a ton of hay nearly nine dollars' worth of soil fertility goes with it.

But when you ship a ton of butter from your farm, you ship only fifty cents' worth of soil fertility and when you ship a ton of cream you ship only sixty-six cents' worth of soil fertility.

SENSENICH, AMOS W., LITITZ, PA.								
Begalore's Beauty 23669	A	161	Apr	924.2	4.56	42.14	6552.5	307.61
SHOEMAKER, S. M., ECCLESTON, MD.								
Charmante's Delight of Ellenwood 50497	C	96	Apr	961.9	5.23	50.31	3795.7	177.25
France's Glen Rose 34637	A	70	Apr	1348.0	5.06	68.21	3236.8	149.13
Gracieuse May Rose 51704	E	123	Apr	837.1	4.64	38.84	3887.7	178.02
Lady Lavender 55604	G	191	Apr	793.0	4.55	36.08	5370.1	240.44
Lady Rea 51922	F	135	Apr	740.5	5.04	37.32	3526.9	171.08
Ma Chere Confidence 55851	G	221	Apr	810.0	5.31	43.01	6536.2	323.21
Ma Chere Golda 55853	G	186	Apr	786.2	4.33	34.04	5177.2	214.37
Ma Chere Jardiniere 55849	G	242	Apr	814.0	4.54	36.96	6545.1	279.67
Ma Chere Topsy 55854	G	123	Apr	944.0	4.80	45.31	4094.3	173.87
Pauline of Ostrich Farm 53437	F	189	Apr	636.0	5.43	34.53	5430.0	232.75
Pinehurst Golda 41878	B	186	Apr	725.2	5.24	38.00	5535.5	263.99
Queen Celia 42968	B	61	Apr	1294.6	4.38	61.08	2935.8	126.11
Thirty Thousand One Hundred Twenty-Three 30123	A	56	Apr	1660.5	4.29	71.24	3064.4	122.90
SICHENEDER, JOSEPH, WACONIA, MINN. 1 day test								
Ellen M. 37637	A	187	Apr	803.0	6.11	49.06	5246.2	293.57
Waldora Sequel of Waconia 51470	F	199	Apr	542.6	5.61	30.44	4449.1	228.23
Winna of Woodend 2d 30066	A	199	Apr	931.0	4.75	44.22	7220.4	320.15
SMALLIDGE, E. J., EAU CLAIRE, MICH. 1 day test								
Francetta's Brenda of Eau Claire 56664	G	8	Mar	170.8	4.96	8.47		
		38	Apr	768.3	4.96	38.11	939.1	46.58
Loretta's Linda of Eau Claire 56663	G	151	Apr	694.2	5.64	39.15	3556.1	177.64
Lura of Eau Claire 40175	C	346	Apr	287.9	6.70	19.29	6655.0	381.11
SMITH, FRANK M., SPRINGFIELD CENTER, N. Y.								
Alfreda of Broad Acres 47821	F	198	Apr	783.3	4.57	35.80	6318.8	282.79
Bell of Broad Acres 51031	G	344	Apr	704.7	5.05	35.59	9062.6	473.26
Fay of Hammond 42183	A	82	Apr	1444.1	4.89	70.62	4187.2	200.93
Glenwood Girl of Springfield 2d 42750	D	299	Apr	937.3	5.11	47.90	10890.3	552.27
Phillida of Maple Shade 34933	A	360	Apr	808.5	4.87	39.37	10965.4	511.68
Rockingham's Lily 41017	D	358	Apr	450.6	6.05	27.26	8772.6	453.58
Susnny of Hammond 42184	A	165	Apr	1282.9	4.78	61.32	7249.6	335.21
SMITH, L. D., BERKELEY, CAL. 1 day test								
Mysie's Lady of Claremont 66500	G	243	Feb	632.7	5.84	36.95		
		274	Mar	692.9	6.40	44.35	7731.2	401.28
STONE, C. A., PLYMOUTH, MASS.								
Sir Elmwood's Mary K. 54911	F	30	Apr	553.9	5.61	31.07		
STONE, GALEN L., MARION, MASS.								
Imp. Hayes Fi Fi 5th 37082	A	304	Mar	470.5	6.15	28.94	7054.7	394.99
STONE, GEORGE C., TWIG, MINN.								
Caribou Bettina 56788	G	144	Apr	656.3	4.60	30.19	3304.2	144.61
Caribou Celosia 52325	F	184	Apr	786.6	5.02	39.49	5449.4	277.18
Caribou Italia 54585	F	207	Apr	674.9	4.68	31.59	5219.8	244.24
Caribou Obasan 54586	G	245	Apr	671.5	5.69	38.21	5932.2	318.32
Cherry's Cuba 43328	D	350	Apr	547.8	5.35	29.31	8327.0	359.37
Clatford's Hero's Jane 47882	E	322	Apr	489.8	4.58	22.43	6841.9	329.15
Darthea's Obasan 54583	E	177	Apr	881.1	3.90	34.36	5414.1	217.53
Imp. Duchess of the Vrangue III. 43645	B	333	Apr	628.4	5.52	34.69	7967.5	421.46
Gladwyn's Mabel 27602	A	326	Apr	377.5	5.46	20.61	6646.0	328.59
Holden's Alberta 52324	E	30	Apr	944.6	5.03	47.51		
Katonah's Bella Donna 42572	C	175	Apr	626.0	4.84	30.30	4086.6	188.47
Katonah's Betty 41257	B	96	Apr	1459.2	3.98	58.08	4757.0	198.31
Katonah's Penelope 38316	A	3	Mar	122.4	3.69	4.52		
		33	Apr	1366.8	3.69	50.43	1489.2	54.95
Imp. Primrose of the Vrangue III. 46433	C	18	Apr	697.7	4.89	34.12		
Imp. May Rose of the Vrangue II. 43658	C	339	Apr	708.0	5.54	39.22	9618.6	531.05
Neronic 43595	D	281	Apr	717.4	4.54	32.57	8176.2	380.53
Ramee of Summerdale 38995	B	241	Apr	877.7	4.99	43.80	8247.0	425.29
Imp. Sequel's Dolly of the Vrangue 43914	C	276	Apr	743.9	5.57	41.44	8772.6	456.32
STRAWBRIDGE, E. W., MOORESTOWN, N. J. 1 day test								
Jedettine of Pinehurst 2d 55394	G	242	Apr	406.0	5.17	20.99	4511.1	212.17
TARBELL, GAGE E., SMITHVILLE, FLATS, N. Y.								
Imp. Emma of Sarnia 51336	F	144	Apr	907.0	5.06	45.89	4421.9	204.84
Imp. Ethel of Sarnia 51339	F	116	Apr	1077.6	4.64	50.00	4393.8	190.63
Mabel's Princess Royal 30526	A	56	Apr	1415.1	4.24	60.00	2534.2	111.70
Imp. May Blossom of the Isle 49274	B	87	Apr	953.8	5.39	51.41	2929.7	138.19
Odora of Tarbell Farms 51602	F	203	Apr	653.9	6.29	41.13	4842.8	279.90
Royarita of Tarbell Farms 40039	A	82	Apr	1236.0	4.62	57.10	2919.4	125.28
Tarbell Farms Marjery 37954	B	353	Apr	871.9	5.66	49.35	11441.2	568.23
Village Evette 32773	A	217	Apr	946.4	5.67	53.66	8805.4	435.76

TAYLOR, MOSES, MT. KISCO, N. Y.								
Rosebud of the Glen 50978	G	168	Mar	1075.3	4.90	52.69		
		198	Apr	1018.7	4.87	49.61	6630.5	334.70
TEN BROECK, DREW, McLEAN, ILL.								
Dawn's Daisy 54160	E	50	Apr	1564.4	4.15	64.92	2543.1	115.32
Goldie Bell's Julia 54006	F	48	Apr	851.9	6.48	55.20	1281.3	80.15
Lady Ola of Fern Hill 66808	E	10	Apr	401.0	5.19	20.81		
TENNEY, D. D., CRYSTAL BAY, MINN.								
Imp. Althea of Sarnia 40208	A	5	Feb	122.4	4.65	5.69		
		36	Mar	1091.9	4.89	53.39		
		66	Apr	1069.5	5.01	53.58	2283.8	112.66
Cora of Gerar 48309	E	9	Nov	355.5	5.56	19.77		
		40	Dec	1329.8	5.03	66.89		
		71	Jan	1399.0	3.88	54.28		
		99	Feb	1155.0	4.15	47.93		
		130	Mar	1234.8	4.47	55.20	5474.1	244.07
La Verne of Birchwood 54188	F	64	Mar	1186.5	4.67	55.41		
		94	Apr	1047.8	5.16	54.07	3424.5	162.44
Ma Chere Procris 55855	G	161	Mar	829.5	4.97	41.23		
		191	Apr	736.8	5.39	39.71	5609.9	257.05
Pearl's Dot 57445	G	50	Mar	1096.9	4.71	51.66		
		80	Apr	957.5	5.37	51.42	2653.8	129.87
Rhea's Ultra May Rose 42962	D	142	Mar	785.9	5.31	41.73		
		172	Apr	685.9	5.25	36.01	5587.4	286.40
THROOP, BENJAMIN H., ELMHURST, PA.								
Imp. Billy's France Beauty of the Isle 38883	A	132	Apr	1016.1	3.95	40.14	5031.5	206.12
Imp. Billy's France's Red Bessie 29375	A	115	Apr	856.6	4.27	36.58	3883.5	168.60
Billy's Missie of Elmview 51360	G	260	Apr	675.4	5.27	35.59	6337.6	293.21
Buttercup of Elmview 54555	G	115	Apr	735.9	4.27	31.45	2982.8	123.91
Imp. Buttercup III. of the Friquet 38881	A	211	Apr	669.9	4.66	31.22	6096.4	269.86
Imp. Daisy II. of la Moinerie 61250	E	137	Apr	661.8	5.41	35.80	3731.1	208.99
Imp. Donnington Emerald 3d 45945	B	196	Apr	432.8	5.34	23.11	4028.4	217.29
Emblem's Polly of Elmview 54556	G	120	Apr	647.3	5.07	32.82	2926.6	133.00
Imp. Evelyn of Elmview 50119	E	83	Apr	899.5	4.37	39.31	2573.8	120.40
Jewel's Princess of Elmview 51359	G	264	Apr	696.7	4.57	31.84	6871.3	304.54
Imp. Jolly Jenny II. 35775	A	271	Apr	881.7	4.47	39.41	8308.9	352.94
Imp. Langlois Lily II. 61242	D	77	Apr	1205.0	4.32	52.06	3153.6	131.76
Imp. Nell V. of Mt. Plaisant 38894	A	192	Apr	568.5	5.06	28.77	4570.3	216.18
Rosette of Elmview 54554	G	151	Apr	632.1	5.77	36.47	3514.6	196.98
Imp. Rosette V. of the Gron. 35784	A	141	Apr	1010.3	4.94	49.91	5605.3	273.12
Imp. Trewidden's Garnet of Elmview 47275	F	273	Apr	589.5	5.69	33.54	5423.2	277.86
TIMMINS, GEORGE H., WARE, MASS.								
Lady Grayling of Mixter Farm 47065	A	123	Mar	816.0	6.66	54.35		
		153	Apr	730.0	5.10	37.23	4801.4	238.02
Mixter Laretta 48408	A	109	Apr	949.2	5.96	56.57	3859.7	189.65
TONE, S. LA RUE, CANONSBURG, PA.								
Cloverette 49597	D	190	Apr	669.9	5.34	35.77	4567.1	234.87
Glenwood Daughter of Ellenwood 59066	G	215	Apr	572.5	5.10	29.20	4341.1	210.99
Nicolette 17236	A	365	Mar	466.0	6.07	28.29	12402.0	623.65
TOUSEY, WILLIAM B., JORDAN, N. Y.								
Cherry of Old Orchard 40981	C	304	Apr	678.1	4.52	30.65	9359.2	427.11
Jessie May Rilma of Broad Ridge 54569	G	199	Apr	782.9	5.14	40.24	4934.5	255.31
Rival's Queen of Chilmark 55766	F	30	Apr	1012.7	4.85	49.12		
TRATT, RALPH, WHITEWATER, WIS.								
Imp. Conqueror's Melrose 30982	A	242	Jan	792.7	5.20	41.22	7126.2	354.36
Imp. Darling of Melrose 28558	A	330	Jan	730.5	5.20	37.99	10711.3	504.16
Hambro's Belle 55242	G	242	Jan	667.0	5.18	34.55	5667.6	290.04
Hambro's Busy Bee 55243	G	52	Jan	1119.9	4.14	46.36	1749.7	75.46
Hambro's Casterilius Royalette 55240	G	242	Jan	781.2	4.96	38.75	6736.9	314.00
Hambro's Derinna 55244	G	25	Dec	758.3	4.76	36.10		
		56	Jan	1009.5	4.10	41.39	1767.8	77.49
Hambro's Miss Luetta 55265	G	134	Jan	1191.5	4.36	51.95	5184.1	223.99
Hambro's Ringlet 55239	G	107	Jan	821.5	5.35	43.95	2835.5	150.08
Hambro's Standard's Derinna 55202	G	77	Jan	921.5	4.36	40.18	2176.2	100.56
Hambro's Stranford's Lily 58458	E	31	Jan	891.2	4.93	43.94		
Hambro's Trislette's Luetta 55245	G	52	Jan	1128.6	4.18	47.18	1751.2	77.06
Kedge Anchor Queen of Sunnyside 34835	A	328	Jan	750.5	5.37	40.30	9874.3	462.46
Stranford's Derinna 28602	A	325	Jan	959.6	5.09	48.84	12736.0	594.26
Stranford's Lily 26867	A	347	Jan	810.9	5.46	44.28	11172.3	569.23
VIRGINIA POLYTECHNIC INSTITUTE, BLACKSBURG, VA.								
Reta of Elkview 41384	B	343	Apr	556.9	5.88	32.75	7719.0	424.47

The farmer is selling his soil fertility when he sells his crops from the land. Under that system the fertility is rapidly becoming limited. But when crops are fed to livestock on the farm and the barnyard manure returned to the soil, then a greater part of the soil fertility is restored. That practice, aided by proper crop rotation, will restore to the farms their producing power.

—EXCHANGE

Milk as a Food

FURNISHES NOURISHING MATERIAL AT RELATIVELY LOW COST—COMPARISON WITH OTHER FOODS

Economy in the diet does not always depend upon limiting the use of certain foods, but sometimes it is a question of actually increasing the use of foods which furnish nutrition at relatively low cost. Milk belongs to the latter class, and the housewife would do well to study its food value and decide whether her family is using as much as it should. The average person in this country uses only a little more than half a pint of milk daily, and this quantity can very profitably be increased when safe milk is available.

Many people think of milk only as a beverage, but if they understood that it is in reality a nourishing food they would increase their daily allowance.

We eat foods for two main reasons: First, to renew body wastes and promote growth by forming new tissues and fluids; and, second, to supply energy, for carrying on body functions. Milk contains the body-building materials (protein and mineral substances, such as lime and phosphorus) and also supplies energy for carrying on the body functions.

The following table, compiled by specialists of the United States Department of Agriculture, shows the quantities of various foods needed to supply as much protein or energy as 1 quart of milk.

PROTEIN	ENERGY
1 quart of milk:	1 quart of milk:
7 ounces of sirloin steak	11 ounces of sirloin steak
6 ounces of round steak	12 ounces of round steak
4.3 eggs	8½ eggs
8.6 ounces of fowl	10.7 ounces of fowl

Another method of comparison is shown by the table below, in which the relative value of certain foods as economical sources of protein is given:

To supply protein at equal cost.

Milk at	As cheap as—	
	Sirloin steak at—	Eggs at—
Cents a quart	Cents a pound	Cents a dozen
7	16.3	17.6
8	18.6	20.1
9	21.0	22.6
10	23.3	25.1
12	27.9	30.2
15	34.9	37.7

According to this table, if milk is selling at ten cents a quart sirloin steak must sell as low as 23.3 cents a pound and eggs at 25.1 cents a dozen to supply protein at equal cost.

To supply energy at equal cost.

Milk at—	As cheap as—	
	Sirloin steak at—	Eggs at—
Cents a quart	Cents a pound	Cents a dozen
7	9.9	9.3
8	11.3	10.6
9	12.8	11.9
10	14.2	13.2
12	17.0	15.9
15	21.3	19.8

It can be seen, therefore, that milk even at fifteen cents a quart, is a cheap source of energy as compared with sirloin steak and eggs.

In comparing foods it is necessary to consider both the protein and the energy furnished. Neither one alone can properly be used as a basis of comparison, nor is there any correct way to reckon the value of a food by considering the total amount of nutritive elements.

It is very difficult to compare foods on the basis of the mineral matter they contain, but all physiologists agree that milk is extremely valuable from this standpoint. Indeed, it is the food prepared by nature, especially for growth and development of the young. A quart of milk a day is a good allowance for a young, growing child.

In addition, being an economical food, milk is usually easily digested and requires no cooking or other preparation for the table. Specialists of the department have found, also, that it is digested better when taken with other foods.

There are innumerable ways to use milk in cookery, such as in puddings, blanc-mange, soups, chowder, sauces, "junket," etc., and in all these ways it is both appetizing and nourishing.

SECURE ONE MEMBER FOR THE CLUB THIS WEEK

WARBURG, FELIX M., WHITE PLAINS, N. Y.

Senecta 28125	A	136 Apr	1420.5	4.73	67.19	6724.1	296.78

WASHBURN, LILIAN, LIVERMORE FALLS, ME.

Myra Marshall 39779	A	22 Mar	591.5	4.17	24.67		
		52 Apr	840.4	4.88	41.01	1431.9	65.68

WELLES, M. L., ROSENDALE, WIS. 1 day test

Laura of Birchwood 54190	G	231 Apr	623.3	5.07	31.60	5428.4	243.88
Lena of Birchwood 51825	F	120 Apr	682.8	5.26	35.92	3065.6	156.93
Molly of Birchwood 56127	G	172 Apr	570.2	4.55	25.94	3705.1	168.44
Myrta of Birchwood 62083	F	30 Apr	585.8	3.99	23.37		

WHIPPLE, SHERMAN L., PLYMOUTH, MASS.

Dakota of Rockynook 34523	A	226 Apr	1206.1	4.22	50.90	9931.2	399.33
Golden Girl of the Forges 54736	G	164 Apr	750.3	5.47	41.04	4262.0	217.28
May Rose of the Forges 54735	G	312 Apr	489.1	5.32	26.02	5872.9	306.37
Milkmaid of the Forges 46691	E	310 Apr	620.0	5.39	33.42	7206.2	368.22
Imp. Primrose IV. of Les Houards 36358	A	349 Apr	651.0	5.14	33.46	9367.6	465.98

WILDER, G. W., COLTON, CAL.

Imp. Brittleware Wild Rose 48508	B	134 Apr	872.3	5.23	45.62	4336.2	213.67
Caroline of Chilmark 24812	A	365 Apr	680.1	5.19	35.30	15185.8	722.97
Imp. Cherry III. of the Effards 48381	B	164 Apr	1363.4	4.11	56.04	7245.8	325.02
Glen's Caroline of Hollow Hill 49904	G	334 Apr	443.2	5.46	24.20	7693.6	408.95

WILLIAMS, D. L., WAUKESHA, WIS.

Canary of Daisydale 3d 26992	A	148 Mar	809.7	4.84	39.19	4863.9	214.47
Canary of Daisydale 5th 26997	A	151 Mar	1217.4	4.50	54.78	6520.1	296.88
Canary's Daughter 41983	C	245 Mar	1044.3	4.75	49.60	9077.6	372.03
Maria of Shady Gulch 39119	A	148 Mar	690.6	4.77	32.94	4141.1	188.59
Imp. Polly III. of Russel 35469	A	208 Mar	961.5	4.96	47.69	7842.0	384.23
Wern's Polly 51020	G	335 Mar	619.0	5.32	32.93	8902.5	394.77

WILLIAMS, JOHN H., WAUKESHA, WIS.

Eagle Flossie 18122	A	274 Mar	936.8	4.40	41.22	10091.6	447.73
Imp. Lady Susan III. of The Bordages 35465	A	318 Mar	608.7	5.93	36.10	9064.2	461.51
Park's Isabella Rosie 51734	G	273 Feb	573.6	6.12	35.10		
		304 Mar	650.1	6.08	39.53	7331.6	369.69
Park's Queen Judith 57655	G	81 Mar	915.0	5.17	47.31	2393.4	114.15
Rhea's Park Dawn 34761	A	82 Mar	1263.0	4.56	57.59	3408.5	151.33

WINSTON, J. O., SAUGERTIES, N. Y.

Bonny Vale's Itchen May Rose 53721	G	280 Apr	495.7	6.15	30.49	5769.9	323.47
Gayhead's Mary 55510	G	303 Apr	488.6	5.10	24.92	7074.9	327.69
Golden Lenore 24811	A	201 Apr	934.8	5.43	50.76	7315.4	379.84
May King's Golden Lenore 45587	E	195 Mar	1066.6	5.03	53.65		
		225 Apr	1051.3	5.04	52.99	8359.6	396.50
May of Onisquethaw 29293	A	207 Apr	486.7	4.75	23.12	5497.0	276.38
Princess May Rose 58906	G	128 Apr	706.1	5.90	41.66	3329.3	194.98
Imp. Tregonning Dairymaid 59722	G	302 Apr	528.1	4.73	24.98	6693.6	296.92

WOODBURY, URBAN A., 2d, BURLINGTON, VT.

Margaret of Appletree Point 63029	E	36 Apr	969.7	3.77	36.56	1119.6	42.38

ZIESING, AUGUST, DEERFIELD, ILL.

Imp. Dairymaid II. of the Duvaux 28572	A	147 Apr	1080.8	4.13	44.64	5539.2	237.82
Diana of Thorn Hill 44949	C	74 Apr	1238.0	5.13	63.51	3133.5	181.41
Freia of Thorn Hill 56353	G	61 Apr	822.1	5.27	43.32	1650.8	99.59
Princess of Thorn Hill 44951	D	120 Apr	765.5	6.07	46.47	3617.8	217.15
Queen of Thorn Hill 53007	F	200 Apr	388.3	5.59	21.71	4048.2	219.99
Royal's Flower of Thorn Hill 41655	C	223 Apr	891.3	5.84	52.05	7399.8	426.98
Ruby of Thorn Hill 53009	G	229 Apr	567.6	5.52	31.33	5101.4	281.31
Venus of Thorn Hill 50748	G	258 Apr	468.4	6.45	30.21		
		365 May	106.1	6.45	6.84	7059.1	403.24
Victor's Daughter of Thorn Hill 50747	E	168 Apr	543.8	4.89	26.59	5441.6	223.38

MERITORIOUS GRADE GUERNSEYS

BAILEY FALLS FARM, OGLESBY, ILL.

Dorothy (Grade)	C	89 Apr	1261.3	3.75	47.30	4030.3	140.91
Nora (Grade)	G	240 Apr	776.2	3.82	29.65	7009.5	260.11
Spot (Grade)	G	230 Apr	1150.0	3.78	43.47	9753.4	367.88

HOPPERT, C. & SONS, SHEBOYGAN, WIS.

Lillian (Grade)	A	226 Apr	912.7	3.70	33.77	8878.0	324.83

(Continued from Page 408)

HORNS:	Small at base, medium length not too spreading	1
NECK:	Long, masculine neck with large crest. Clean throat and underline	4
WITHERS:	Chine rising above shoulder blades that are moderately thick but not coarse	4
BACK:	Straight from withers to hips	8
BODY:	Deep and long with well sprung ribs which are wide apart. Flanks deep and full	15
CHEST:	Wide and deep at heart with little depression back of shoulder	6
HIPS:	Wide apart, not too prominent	2
RUMP:	Long, continuing with level of the back. Thurls high and wide carrying rump level between hip bones and pin bones	8
THIGHS:	Wide apart. Thin, in-curving at rear and on the outer side	2
LEGS:	Comparatively short, clean, straight and wide apart	2
TAIL:	Neat setting; long; heavy switch	1
SKIN AND HAIR:	Loose, pliable and not thick. Oily feeling. Hair fine	5
RUDIMENTARY TEATS:	Wide apart; even in size and squarely placed. Free from scrotum	3
VEINS:	Long and prominent	2
SECRETIONS INDICATING COLOR OF PRODUCT:	Deep yellow color; noticeable especially in ear, about eye, base of horn, on scrotum, inside of thigh and at the end of bone of tail. Hoofs and horns amber colored	18
		100

Scale of Points for the Guernsey Cow

SIZE:	Mature cow about 1100 lbs. in milking condition	4
COLOR:	Shade of fawn, with white markings	2
HEAD:	Clean cut; lean face, wide muzzle with open nostril. Full, bright eye with gentle expression. Forehead long, broad and dishing between the eyes	5
HORNS:	Small at base, medium length, not too spreading	1
NECK:	Long and thin. Clean at throat. Neat juncture with shoulders	2
WITHERS:	Chine rising above shoulder blades that are moderately thick but not coarse	4
BACK:	Straight from withers to hips	8
BODY:	Deep and long. Ribs wide apart and well sprung. Flanks deep and full	15
CHEST:	Wide and deep at heart; with but little depression back of shoulders	4
HIPS:	Wide apart, not too prominent	2
RUMP:	Long, continuing with level of the back. Thurls high and wide, carrying rump level between hip bones and pin bones	7
TAIL:	Neat setting. Long; heavy switch	1
THIGHS:	Wide apart, thin, in-curving at rear and on the outer side	2
LEGS:	Comparatively short, clean, straight and wide apart	2
SKIN AND HAIR:	Thin, loose and pliable with oily feeling. Hair fine	3
UDDER:	Veins prominent	1
	Attachment firm, long and wide	3
	Extending well forward	5
	Well up behind	2
	Sole level	2
	Teats even and good in size and shape; well apart and squarely placed	5
MAMMARY VEINS:	Long, crooked, branching and prominent. Large and numerous wells	4
SECRETIONS INDICATING COLOR OF PRODUCT:	Deep yellow color, noticeable especially in ear, about eye, base of horn, inside of thigh and and at the end of the tail. Hoofs and horns amber colored	16
		100

I am now sending this report to the Guernsey Breeders' Journal by instruction of the Executive Committee, and with the hope that the breeders will comment very fully on the proposed scales and we will then publish these comments in the Journal, and then hope that we will have the final scale ready for adoption at the next meeting of the Club.

In giving so much attention to the color of the product we have been guided by the wisdom of J. M. Codman, and your committee deem it very important that we preserve as far as possible this characteristic of the breed. Mr. Codman was of the firm opinion that this characteristic of the breed was being lost because so little attention was being paid to it. Some members of the committee did not agree with him but think that this trait is now so firmly fixed that the color of the product may be expected to remain stationary unless a special effort is made to breed it out, nevertheless, we deem it advisable to give this characteristic the points mentioned in our suggested score-card so that if there is any question of it being lost this will call attention to the necessity of maintaining it. The committee in not mentioning as most desirable the cream-colored nose in this suggested score-card do not for a moment wish anyone to think that we do not consider the buff or cream-colored nose as the ideal, but we feel that so much attention has been paid to this that there is no breeder in the country who does not understand how important it is to breed his pure breds for buff noses. On the other hand we do not wish to call attention enough to it so that the farmer who is going to buy a bull to use in a grade herd will think this is worth first consideration; it is in fact, worthy of practically no consideration on his part. We feel that he should be concerned only about production, combined with such things as make a cow of good disposition, an easy milker, etc.

May we not have a large number of comments on these proposed scales of points?

Charles L. Hill, Chairman,
Rosendale, Wisconsin

INDEX OF HERD REGISTER

IN JUNE 15 JOURNAL

Cows, Nos. 70271 to 70910
A. R., Nos. 5103 to 5162

COWS

Name.	No.
Adaleigh	70739
Adeline of Sarnia's Princess	70371
Agatha of Falcon's Flight	70842
Agnes of Hillanddale	70680
Albina of Sulphur Springs	70519
Albinia's Sequel's Nancy	70660
Alderney's Daisy of Oak Ridge	70778
Alexandra of Brook Side (Imp.)	70505
Alice Clarissa	70529
Alice of Antrim	70799
Alice of Stratford	70761
Alice of Upton Pyne 2d	70742
Alice Tess	70442
Allie's Butterfly	70501
Alma New Berlin	70506
Alta Daisy Moon (Imp.)	70872
Alta King's Rosey (Imp.)	70608
Alta Rosie Havilland (Imp.)	70871
Alta Ruby (Imp.)	70870
Amalia of Green Lodge	70851
Amaryllis of Falcon's Flight	70845
Amorita's Pride of Pleasant Hill	70898
Amphalula of Burnham Beach	70471
Angelica of Falcon's Flight	70846
Anna Belle Lee of Rose Bank Farms	70467
Anna May of Valley View	70813
Annebell of Golden Guernsey Farms	70860
Ann Maddocks	70901
Ann of Whitford	70713
Anton's Criterion Rose	70670
Arba of Lakeside	70659
Arbutus of Walnut Glens	70734
Arbutus of Whitford 2d	70712
Ari-Ce-Na	70796
Aric's Gustana	70668
Ariel's Brilliant Primrose	70646
Ariel's Daphne (Imp.)	70282
Arlene Buckley	70598
Arvilla's Queen of Wildwood	70665
August Flower of Clover Hill	70772
Aurelia of Westholm	70692
Aurora Quesada	70343
Ava of the Elms 2d	70359
Bargy of Evergreens	70375
Beauty of Orchard Home	70484
Beauty of Valevue	70409
Beauty's Fairy	70322
Beauty's Jessie	70590
Beauty's Mabel Butterfly	70704
Beauty's May of Sitka	70697
Beauty's Spotted Pearl	70330
Belinda of Walnut Glens	70736
Bell Buoy's Golden May Rose of City View	70635
Belle Corbin of Lake View	70559
Belle of Woodland (Imp.)	70594
Belle's Candas	70324
Belle's Sophia	70819
Belshazzar's Cowslip	70274
Bertha of La Plaisance	70671
Bessie Fern	70446
Bessie Nee of Graper Dairy	70852
Bess of Hillanddale	70681
Bess of Northland	70770
Betsy Ann of Elkton	70626
Betsy of Pleasant View	70515
Betts Lady of Oakdale Farms	70534
Betty's Dewdrop	70513
Beulah of Goldenrod	70762
Blanche of Lone Oak	70631
Blenda's Lily	70541
Blossy's Little Floe	70687
Bonnie Fern of Valevue	70410
Bonnie of Far View	70415
Bossie Maid	70392
Boyd's Merry Maid	70628
Branford's Laurentic	70458
Branford's Tarantula	70456
Brighteyes of Farview	70892
Brightness of Linwood	70473
Broad Ripple's Heirloom	70654
Burkeville Guernsey Belle	70781
Buttercup of Bexley	70906
Buttercup of Evening Shade	70702
Buttercup's Pride of Arrow Farm	70648
Candida of Falcon's Flight	70844
Canterbury Bell of Ewing	70586
Captain's Pearl	70387
Carolina Rose of Ballard Farm	70422
Castello's Daughter's Girl	70757
Caxta of Maplecrest	70331
Celestine of Rosemont	70795
Cerealia	70738
Champion's Jewel	70342
Champion's Tea Rose	70848
Charmante's Hilda	70794
Cherry Blossom of Allerton	70555
Cherry's Goldie	70880
Cherry's Pride of Arrow Farm	70649
Cherub's Lass of the Prairie	70428
Christina of Mountain View	70826
Cinderella of Fairbanks	70613
Clorinda of Groton	70803
Clovilla Jean	70437
College Artie of Riverside	70675
College Gussie of Riverside	70677
Columbus's Flavia of Oak Ridge	70776
Columbus's Pearl of Oak Ridge	70777
Comfort's Fawn	70784
Cook's Beauty	70321
Cora Quite	70388
Cord's Tulip of Wa-Wa-Yandah	70701
Countess Helene of Ewing	70587
Countess Victoria's Buttercup	70820
Craigamoor Golden Glory	70477
Craigamoor Violet Robilliard	70855
Cricket of Arnott	70617
Cristine of Mondamin	70887
Criterion's Colombe of Rockstone	70277
Criterion's Dairy Maid of Rockstone	70279
Criterion's Flora of Rockstone	70815
Criterion's Grand Lady of Rockstone	70278
Criterion's May of Bellview	70814
Cronie's Dewdrop	70568
Dahlia of Kildare	70740
Dairy Moon of Old Orchard	70578
Dairy's Pride 2d	70399
Daisy Bell of Chicona	70275
Daisy Fern of Old Orchard	70576
Daisy of County Line	70567
Daisy of Northland	70771
Dan Patch's Miriam of Wawa	70881
Darby Moon of Old Orchard	70580
Daynewta	70469
Delight's Garnet	70632
Delphi of Palmhurst	70424
Delta of Cedar Lane	70287
Denella of Woodland (Imp.)	70597
Deronda's Fern	70633
Dewdrop of Ferncliff	70281
Diana of the Maples	70732
Dixey Moon of Old Orchard	70579
Dollie of Sunny Slope	70514
Dolly of Woodland	70595
Don El Toro's Fairy Belle	70338
Dora Hayes	70449
Dora's Moon of Old Orchard	70577
Dorothy M.	70891
Dotsy of Oakwood	70708
Downe Lady Blanche 2d (Imp.)	70354
Duchess May Rose of Maudesleigh 2d	70419
Duchess of Prospect (Imp.)	70427
East Feliciana's Queen	70683
Edna of Mountain View	70827
Eky	70443
Eleanor's Star	70705
Elfordleigh of Cedaredge	70383
Elizabeth of Diamond	70861
Elizabeth of Thorn Hill	70765
Ella Charmonte 2d	70571
Ella of Cedarcrest	70558
Ellenwood's Clayton Girl of White Farm	70655
Ellenwood's May Queen of White Farm	70656
Elmpines Sophie	70589
Elm Road Lydia	70793
Elsie of The Forges	70386
Elsie's Beth of Westlook	70543
Emogine's Beauty of Fairmont	70435
England's Rose of Gold's Autumn Leaf	70886
Enid of Riverdale	70807
Escalon Lady	70693
Esther C. Buckley	70599
Esther of Zoar Farm	70429
Etude of Paxtang	70756
Eunice of Bon Ayre	70884
Evelina of Balcott	70481
Evona of the Elms 2d	70357
Fairlee Maid	70695
Fairy Duchess of the Manor (Imp.)	70592
Fairy Duchess of Willow Glen	70328
Fairy of The Forges	70385
Falcon's Silvia	70841
Fanny B.	70610

THE HERD REGISTER—INDEX COWS

Name.	No.
Fanny's Criterion of Bellview	70817
Favorite of Fox Run	70407
Fawn Beauty	70783
Fay of Esker View	70448
Felicia of New Castle	70723
Felicity of Falcon's Flight	70847
Fern Bethabare	70621
Fern of Sennett County Farm	70707
Fern's Minora	70520
Fern Wood of Whitford	70711
Florabella of Knowledge Hill Farm	70398
Flora May of Millville	70729
Flora of Fahrnwald	70759
Florence R. of Elda	70347
Florette of Bally Hooly	70403
Florrie's Eloise	70271
Flossie of Nashville	70769
Follyland Jubilee	70828
Fornella of South Street	70491
Fox Run Lou	70408
Freda of Middlebrook	70525
Fredia May of Millville	70728
Friendship Dot	70478
Gaiety of South Street	70489
Galley Maid	70393
Gay Polly of Oak Grove	70523
Gay's Golden Queen	70522
Gay's Lady Hopeful	70521
Gemsey's Oneida of Burkeville	70780
General St. Pierre's Lady 2d	70362
Gentle Beauty's Marie	70642
Georgetta	70539
Ginseng	70524
Girlie of the Snowdrops	70540
Glenwood Queen Gay	70377
Glenwood's Jenny 2d	70751
Glenwood's Rosenlind	70401
Gloryanna	70849
Golden Cross Elsie of Linda Vista	70750
Golden Lucina	70358
Golden Noble's Aldata	70497
Golden Noble's Alida	70496
Golden Rose of Byfield	70903
Golden Rosette of Waddington	70835
Goldie's Best	70837
Goldie's Buttercup	70840
Gold Trinket of Mondamin	70888
Good Hope of Ewing	70588
Governa of Lily Lake	70553
Governor's Louise of Elda	70345
Governor's Nora of Walnut Ridge	70430
Governor's Queen	70645
Grace Berry of Cold Brook Farm	70885
Gracey Glenwood	70895
Great Hill's Beauty	70406
Great Hill's Lily	70405
Green Meadow Viola	70465
Griselda Flower of the Valley	70797
Griselda of Groton	70805
Guernsey Queen of Bon Ayre	70883
Gwen's Butter Queen	70662
Hallie Charmonte of Ferncrest	70573
Hall's Queen of Riverside	70676
Hambro's Daisy	70360
Hambro's Lady Janilly	70361
Hambro's Lily Bell	70367
Harmony of Paxtang 2d	70754
Harriet of Sunnyside	70622
Hazel's Hope	70546
Heartsease of Sunnyside	70582
Helene's Princess of Edgewood	70798
Hera of Thorn Hill	70768
Herzliebe of Paxtang	70755
High Rock Girl of Branford	70457
Hillside's Etta	70488
Holden's Beauty	70376
Honey Bunch's Dairy Maid	70352
Hope Hart of Walnut Row	70667
Hope of Golden Guernsey Farms	70859
Hope of Hazen Farm	70502
Idun of Valhalla	70779
Ilma of Bellmath	70720
Imogene of Warren	70853
Ione of Walnut Crest	70474
Iredell's Prince's Viviane	70476
Irna Pride of Rockmere	70856
Isabelle of Arbor Lawn	70896
Isabelle of Millville	70727
Isabel of Clover Hill	70773
Island Milvia Starlight 2d	70602
Island's May Rose Lassie	70584
Issabee of Wallbridge	70629
Itchen May's Brook Side Lass	70504
Iva of Portland	70470
Jacinto	70549
Jane Ayre of Prospect Hill	70879
Jane of La Plaisance	70673
Jean of Middlebrook	70526
Jennet B.	70552
Jennie June of the Loop	70372
Jennie Lind of Shady Nook	70373
Jessie's Lady	70869
Joanna's Pet of Brookside	70548
Jubilina's Lilly	70609
Judith of Groton	70802
Juliette of Annandale	70439
June's Silver Maid	70644
Katherine of Thorn Hill	70766
Katrina of Sleepy Hollow	70479
King Masher's Laddie's Maid	70319
King Pretor's Rose of Lakeside	70565
King's Coral Lady 2d	70364
Kip's Eta of Greenway	70685
Lady Bell Violet	70366
Lady Betty of Yellow Birch	70440
Lady Bobetta	70413
Lady Daphne of Brook Place	70800
Lady Fanny Blossom	70882
Lady Fern of Maple Hill	70743
Lady Gold of Bellview	70537
Lady Greenwood 2d	70636
Lady Hilda of Esker View	70447
Lady June of Clover Hill	70811
Lady Leota of Wilruss	70493
Lady Linden of Highway	70400
Lady Lyons of River Banks Farms	70507
Lady Maxine of Ferncliff	70280
Lady Molly of Clover Leaf Stock Farm	70714
Lady Mysie Bell	70363
Lady of Lopez	70682
Lady of Mountain View Farm	70686
Lady of Tanglewood	70480
Lady Roberts of The Forges	70384
Lady Rose of Cloverdell	70368
Lady Sara of Locust Hill	70904
Lady's Eudora of Niles	70466
Lady's Pride of Valevue	70411
Lady Twinkle 2d	70340
Lady Yeksa	70630
Lakefields May	70397
Lake Grove Lucretia	70763
Lakeside Bessie	70658
Lakeside Stella	70657
Langwater Arabella	70296
Langwater Argie	70298
Langwater Beauty	70295
Langwater Crystal	70297
Langwater Dawn	70289
Langwater Delilah	70302
Langwater Fairy Queen	70305
Langwater Gentle	70300
Langwater Glory	70299
Langwater Good Luck	70306
Langwater Happy Girl	70291
Langwater Ladyship	70303
Langwater Laundress	70311
Langwater Leading Lady	70307
Langwater Levity	70293
Langwater Phyllis	70607
Langwater Pride of Birth	70309
Langwater Prosperity	70294
Langwater Queenly	70308
Langwater Queen of the East	70304
Langwater Rosebud	70310
Langwater Rosemary	70292
Langwater Sheen	70301
Langwater Vanity	70290
Lassie of Far View	70416
Latarda	70661
Laura's American Pansy	70436
Laurette of Bally Hooly	70404
Lawton's College Queen of Riverside	70674
Leanore of Brookside	70517
Leda of Groton	70804
Lenlomena	70570
Letitia W. of Elda	70346
Liberty of Wilruss	70494
Lillie of Sheboygan Falls 2d	70637
Lilly of La Plaisance	70672
Lil of Edgewater	70283
Lily Bell of Millville	70731
Lily Ella's Robiana	70485
Lily of Kirkside	70703
Lily of Maple Hill	70910
Lily of the Valley of Breinholm	70792
Lina of Rossbourg	70752
Linder's Diana	70379
Little Belle of Walnut Glens	70735
Little Polly of Homestead	70418
Lois of Elder Grove Farm	70452
Loretta of Riverdale	70806
Lorna of Smallidge Farm	70818
Lottie Gold	70753
Louanna's Miss of Mineral Home	70316
Lou of Proitoiy Farm	70381
Lucile of Twin Springs Farm	70495
Lucy Bell Carlton of Maplewood 2d	70395
Luetetia of Riverdale	70808
McKerrow's Lady Mildred	70758
Mable of Union Church	70864
Maggie Murphy of Hillside	70463
Maggie's Helen Louise	70542
Maiden of Forest Hill	70715
Maidie of Crystal Brook	70829
Malinda of Cedar Lane	70286
Manka of Spring Brook Farm	70351
Maple Hill Farm's Queen	70618
Marcus Glenwood's Lady May	70606
Margaret of Charleston	70614
Margaret of Green Hill Farm	70532
Marian of Green Hill Farm	70533
Marie of Riverside Farm	70487
Marie's Lucille of Woodland Farms	70509
Marimba	70412
Marion of Union Church	70865
Marjory of Annandale	70438
Marshall's Comtesse of Locust Hill	70390
Marshall's Lady Lassie	70391
Marshall's Pride	70389
Mary of Charleston	70615
Mary of Mapleshade	70445
Mary Rose of Arbor Lawn	70897
Masher's Sadie	70733
Matha Ninitta of Bellmath	70719
Maxwell's Thelma	70790
May Bell of Roughwood	70462
Mayflower's Royal Rose of Maudesleigh	70420
May King's Sweetheart of Wilmington	70337
May of Maplewood	70640
May of Marshan	70624
May Oweenee	70611
May Queen of Branford	70455
May Queen of Four Pine	70326
May R. of Elda	70344
May Rose of Island Farm	70583
May Rose of River Banks Farms	70508
Maza of Highland	70500
Meadow Farm Primrose	70273
Melrose Lady	70365
Merry Myrtle	70350
Messenger of Bexley	70908
Middledale's Morning Star	70380
Mildred May	70745
Milford's Bell of Inwood	70838

THE HERD REGISTER—INDEX COWS

Name.	No.
Milkmaid's Flower	70566
Millie Rose of Ewing	70421
Minnie of Spring Farm	70850
Mineola's Pig	70545
Minerva of Forest Hill	70717
Miowera's Princess	70718
Miss Arbela of Linwood	70472
Missaukee Belle	70402
Miss Fortune 2d	70450
Miss Gold of Bellview	70538
Miss Jane of Lakeside	70564
Miss Lilly of East View	70801
Miss L. N. of Edgewater	70369
Miss Rachel Reserve	70353
Miss Wilson	70528
Mixter Clita	70812
Molly of Elmdale	70724
Monarch's Beauty	70459
Montpelier Bessy	70709
Montpelier Ruth	70710
Moonlight's Memory Queen	70581
Morningside Infanta	70569
Mota Miranda	70378
Mrs. Grundy of South Street	70490
Murdena Buckley	70600
Muriel Fancy	70530
Myrtle of Glen Loch	70320
Nancy de Aurora	70679
Nancy of Cedarcrest	70557
Nancy of Chicona	70276
Nellie Bates	70339
Nellie Crowe	70688
Nellydale of Pleasant Valley	70451
Nepaul's Spotswood	70889
Ness H. of Chestnut Ridge	70791
Neta of Manomet	70444
Neysa Chêne of Wa-Wa-Yandah	70700
Nicolin Jewel Priscilla	70902
Nimble of Birchwood	70823
Noble's Jipsultana of Waddington	70833
Nobskalette of Long Beach	70831
Nora of Maulton	70810
Norine Opal	70432
Nory of Walnut Hill Farm	70854
Nubia of Birchwood	70824
Nulisha Bloom of Pleasant View	70694
Nyda of Esker View	70789
Nymph of Birchwood	70825
Ohio Rosebud 2d's Beauty	70746
Olive of Cedar Hill	70560
Olivia of Somerset	70314
Olsen's Dairymaid of Hillside	70899
Orchis of Greenway 4th	70684
Ottawa's Butterfly	70417
Pansy Bloom of Pleasant Hill	70809
Pansy of Roughwood	70460
Pansy of Sunrise Farm	70726
Park's Pinecliff Beauty	70323
Paulina Fresco	70551
Pauline H. May	70601
Pearl of Cedar Lane	70285
Pearl of Dooleyville	70619
Pearl of Maple Springs Farm	70544
Pearl of Pleasant View	70516
Peggie of Chesney Farms	70858
Peggy of Clover Hill	70774
Peg of the Clos à Jâon	70627
Penelope of Somerset	70315
Phoebe of Walnut Glens	70737
Phoebe's Frances	70830
Pippin	70396
Polly Anna of Wildwood	70744
Polly of East View Farm	70272
Pride of Day's Granddaughter 2d	70741
Pride of Lily Lake	70554
Pride's Daisy of the Manor (Imp.)	70593
Pride's Hurel Daisy (Imp.)	70591
Primana of Meadow Lawn	70653
Primrose of Millville	70730
Princess Bonnie of Mount Pleasant's Jannie	70603
Princess Charming of Ballard Farm	70423
Princess Christine of Linda Vista	70749
Princess Natalie of Linda Vista	70748
Princess of East View 2d	70669
Princess of Forest Hill	70716
Princess Pearl	70706
Prudence of Cedarcrest	70556
Prudence of Falcon's Flight	70843
Prunella of Woodland	70596
Pudge's Surprise	70547
Quaker Lady of Hillside	70464
Queenie of The Forges	70862
Queen of Pinemead	70612
Queen of the Falls	70890
Queen Wyola of Rocky Reach	70518
Radium Girl of Bellmath	70721
Raider's Alma of Arles	70348
Raider's Anita of Arles	70349
Raider's Imperiale of Waddington	70836
Raider's Jip of Waddington	70834
Raider's Lady of Maple Grove	70678
Raider's Sultana of Waddington	70832
Ramona Langlois	70426
Raymond's Darling of Rockstone	70816
Raymond's Peggotty of Waukesha	70512
Reby Taylor of Mohawk	70905
Replica's Lady	70574
Reputation's Princess	70650
R. G. June	70562
Rhoda's Roll of Honor of The Maples	70468
Ridgeland Mack	70510
Ridgeland Rose of Gold	70511
Rilma's Queen of Clover Hill	70775
Rita of Palmhurst	70425
Rival's Fawn Rose of Dellwood	70382
River Lily	70414
Roberta of Cedar Lane	70288
Roena's Daisy	70325
Rosamond of Forest Hill	70486
Roselle of Harriton	70536
Rose Mary of Cedar Lane	70284
Rose of Bath	70604
Rose of Sunrise Farm	70698
Rose of the Meadows	70482
Rose's Meralda of Angra	70498
Rose's Rosalie of Rock Springs	70690
Rosetta of Angra	70499
Rosie's Lady of Hillside	70900
Rosina's Dagmar	70535
Roxie of Willow Glen	70327
Roxie Patterson of Villageside	70866
Royalinda	70839
Royal Jeweler of Holton	70696
Royal Princess Juliana	70651
Rozette of Fairview	70638
St. Croix Amneris	70782
Saugerties Lady May	70867
Saugerties May Glory	70868
Saxhorn	70313
Selma of Farm View	70634
Selma S. Unis	70441
September Belle	70550
September Morn	70893
Sequel's Beda	70894
Sequel's Lou of Xenia	70652
Sheba of Westholm	70691
Signonena	70431
Slim Chance (Imp.)	70527
Sophia's Daphne	70433
Sophia's Diana	70434
Sophia's Lily Rose of Avondale	70563
Southwick Rosa Lee	70575
Spotswood Belle	70822
Spott B.	70647
Sukie of Spring Brook	70722
Sunbeam of Springbrook Farm	70821
Sunderland's Cora	70483
Sunset's Glory of Wildwood	70663
Susanna of Stratford	70760
Suzette's Dolly	70878
Sweet Clover of South Street	70492
Sylvia's Coralie of Rock Springs	70689
Thalia Ray	70531
Thelma Blizzard	70329
Toots of Clover Meadow	70643
Topaz of Piedmont	70374
Topsy's Lucky Number	70394
Tricksey's Goldie	70747
Truelove of Edgewater	70370
Tulip's Betty	70561
Twin Ash Brightness	70503
Twin-Pike Tillie	70857
Upland's Bijou Lass	70875
Upland's Dairymaid	70877
Upland's May Rose	70874
Upland's Snowdrop	70876
Upland's Summer Star	70873
Vallon Driad (Imp.)	70355
Verna Selma	70453
Vern Bethleen	70620
Victoria Stella	70641
Victor's Tinkle of Thorn Hill	70767
Viola of Bath	70605
Violet of Bexley	70909
Violet of Roughwood	70461
Violet of Sunrise Farm	70699
Viviane's Edgewood Beauty	70475
Wasteland Doris	70335
Wasteland Gladys	70334
Wasteland Inez	70336
Wavelet of Bexley	70907
Wealthy of Thorn Hill	70764
Wild Rose of The Forges	70863
Wildwood Bonnie Lass	70666
Wildwood Dairymaid Queen	70664
Willow'S Fleurie Girl	70616
Wood Ford's Bell Boy's Folly	70785
Wood Ford's Constance 2d	70788
Wood Ford's Gaiety	70786
Wood Ford's Ray	70787
Worleska	70572
Wyebrook Holly	70585
Wyoming Girl of Highland View	70312
Yeksa Daisy of Maplewood	70639
Yeksa May of Washington	70625
Yeksa's Beatrice 4th	70317
Yeksa's Beatrice 2d's Betsey	70318
Yeksa Snowdrop of Washington	70623
Yeksa Unis 5th	70341
Yeoman's Lady Alice of Jennings Farm	70332
Yeoman's May Queen of Riderwood	70333
Zena's Eveline of Holland	70454
Zona of the Elms	70356
Zura	70725

ADVANCED REGISTER

Name.	No.
Auburn Beauty 6th 42200	5104
Begalore's Rosebud 63265	5125
Betsey of Bellview 48017	5145
Billy's Pride of Arroyo 47085 (Imp.)	5137
Cherry of Lone Pine 46028	5121
Clara's Victime 48568	5122
Columbine of Rich Neck 2d 49307	5114
Delia of Sarnia 58758 (Imp.)	5117
Doctress of Sarnia 58760 (Imp.)	5118
Dorla of Overland View 41859	5128
Fanny of Applecot 44595	5126
Fanny of Vallée du Creux 40658 (Imp.)	5142
Flora Bates 47134	5162
Forestine II. 35759 (Imp.)	5138
France's Expectation of Wawa 40288	5124
France's Masher's Honeymoon's Daughter 27750	5139
Gloss of Gayhead 40355	5157
Glow of Gayhead 40354	5156
Goldfinch of the Glen 29560	5155
Gracieuse Rose 54090	5148
Grasslands Regina 63307	5160
Hayes Felois 10th 59868 (Imp.)	5120
Heathfield Mace 53979 (Imp.)	5135
Heliac 24248 (Imp.)	5109
Izora of Hickory Grove 39832	5151
Jenemies' Beauty III. 47186 (Imp.)	5152
Ladock Rose of Gold 53969 (Imp.)	5147
La Manselle of Koshkonong Place 35647 (Imp.)	5140
Langwater Gaiety 50107	5153
Langwater Honesty 49479	5130
Lucy of Elkview 41385	5131
Maggie Herivel 54970 (Imp.)	5116
Maid II. of the Vauquiedor 45969 (Imp.)	5143
Marcus Glenwood's Daisy 46712	5111
Marcus Glenwood's Rosette 46710	5110
Masher's Dousman's Snowdoun 50660	5132
Miss Violet of St. Andrew's 60626 (Imp.)	5119
Mixter Lara 58058	5105
Mixter Mabel 59804	5107
Moxie of Hammond 38395	5158
Noreen of Pencoyd 51036	5115
Philip's Favorite 2d 25522	5136
Primrose Beauty of Tristram Farm 50997 (Imp.)	5134
Primrose of Edgewater 31891 (Imp.)	5103
Princess of Hickory Grove 42794	5108
Queen Greta 46435	5112
Queen of Brock Hill 51271	5127
Raider's Elsie 49488	5141
Raymond's Tidy 48811	5113
Robin 5th de Carteret 40630 (Imp.)	5123
Second Belle 39972	5149
Silver Darling of Oak Lawn 48862	5154
Ultra's Lady Sterling 49694	5150
Viola of Crystal Pond 47448	5146
Winsome of L. View 43712	5133
Yeksa Sunkist Snowdoun 33343	5159
Yeoman's Mixter Anne 58064	5129
Yeoman's Mixter Fay 58065	5106
Yeoman's Mixter Lady 58057	5144
Youlaxene 63911	5161

70271 **Florrie's Eloise**
Sire *Harcourt's Iam* 26145. Dam *Imp. Florrie's Marvel* 37741.
Born July 24, 1916. B. and O.: I. B. Corns, Oklahoma City, Okla.

70272 **Polly of East View Farm**
Sire *Flora's Son of Lewison* 14840. Dam *Ruth's Alice 2d* 52248.
Born July 28, 1916. B. and O.: W. E. Robinson, Parkers Landing, Pa.

70273 **Meadow Farm Primrose**
Sire *Rose's May King of Meadow Farm* 33062. Dam *Dolly's Wild Lass* 44998.
Born July 2, 1916. B. and O.: George Higginson, Jr., Winnetka, Ill.

70274 **Belshazzar's Cowslip**
Sire *Glen Gable Belshazzar* 31575. Dam *Glen Gable Cowslip* 52636.
Born July 27, 1916. B.: William F. Gable, Wyebrooke, Pa. O.: Harry B. Shenk, Manheim, Pa.

70275 **Daisy Bell of Chicona**
Sire *King of Medfield* 15434. Dam *Derilla* 17779.
Born July 27, 1915. B. and O.: Albion L. Gile, Chinook, Wash.

70276 **Nancy of Chicona**
Sire *Marilla's Gold Boy* 13892. Dam *Neetius of Chicona* 23986.
Born June 30, 1914. B. and O.: Albion L. Gile, Chinook, Wash.

70277 **Criterion's Colombe of Rockstone**
Sire *Imp. Roberts' Criterion of Bellview* 26887. Dam *Imp. Colombe du Dowre II.* 44287.
Born Oct. 2, 1916. B.: F. B. Buckley, Valley Falls, N. Y. O.: Albert G. Buckley, Valley Falls, N. Y.

70278 **Criterion's Grand Lady of Rockstone**
Sire *Imp. Roberts' Criterion of Bellview* 26887. Dam *Imp. Grand Lady of Bellview* 43107.
Born June 1, 1916. B.: F. B. Buckley, Valley Falls, N. Y. O.: Mathias Comodus, Valley Falls, N. Y.

70279 **Criterion's Dairy Maid of Rockstone**
Sire *Imp. Roberts' Criterion of Bellview* 26887. Dam *Imp. Dairy Maid III. des Portelettes* 39929.
Born Sept. 11, 1916. B.: F. B. Buckley, Valley Falls, N. Y. O.: Albert G. Buckley, Valley Falls, N. Y.

70280 **Lady Maxine of Ferncliff**
Sire *Lord Stranford of Oak Ridge* 25974. Dam *Eleanora of La Grange* 53668.
Born April 15, 1916. B. and O.: J. A. Fraser, Lovingston, Va.

70281 **Dewdrop of Ferncliff**
Sire *Lord Stranford of Oak Ridge* 25974. Dam *Gypsy of La Grange* 28411.
Born April 1, 1916. B. and O.: J. A. Fraser, Lovingston, Va.

70282 **Imp. Ariel's Daphne**
Sire On Guernsey *Froome's Flora's Pride* (R. G. A. S. 3672 P. S.)
Dam *Imp. Osceola Daphne* 69260.
Born Nov. 20, 1916. Imp. in dam. B.: G. H. Froome, Island of Guernsey. O.: F. S. Peer, Cranford, N. J.

70283 **Lil of Edgewater**
Sire *Reuben of Edgewater* 31786. Dam *Lillevin of Cherrydale* 58620.
Born July 10, 1916. B. and O.: F. G. Benham, Canandaigua, N. Y.

70284 **Rose Mary of Cedar Lane**
Sire *Norwood Prince of Tarbell Farms* 19457. Dam *Theckla of Bonita* 30938.
Born July 11, 1916. B.: Jona King, Garden City, Mo. O.: J. S. Yoder, Wooster, Ohio.

70285 **Pearl of Cedar Lane**
Sire *Glen Gable Belshazzar* 31575. Dam *Imp. Lily II. des Blicqs* 21433.
Born Sept. 6, 1916. B.: W. F. Gable, Wyebrooke, Pa. O.: J. S. Yoder, Wooster, Ohio.

70286 **Malinda of Cedar Lane**
Sire *Norwood Prince of Tarbell Farms* 19457. Dam *Belle of Bonita* 33827.
Born Sept. 9, 1916. B.: Jona King, Garden City, Mo. O.: J. S. Yoder, Wooster, Ohio.

70287 **Delta of Cedar Lane**
Sire *Lassie's Ledyard Bay* 14540. Dam *Imp. Vimiera II.* 27506.
Born Nov. 12, 1916. B.: W. F. Gable, Wyebrooke, Pa. O.: J. S. Yoder, Wooster, Ohio.

70288 **Roberta of Cedar Lane**
Sire *Galaxy's Butter Boy* 23175. Dam *Goldie's Surprise* 44837.
Born Nov. 23, 1916. B. and O.: J. S. Yoder, Wooster, Ohio.

70289 **Langwater Dawn**
Sire *Langwater Advocate* 20514. Dam *Langwater Dorothy* 27944.
Born Feb. 6, 1915. B. and O.: F. L. Ames, North Easton, Mass.

70290 **Langwater Vanity**
Sire *Langwater Advocate* 20514. Dam *Langwater Pride* 35752.
Born Feb. 18, 1915. B. and O.: F. L. Ames, North Easton, Mass.

70291 **Langwater Happy Girl**
Sire *Langwater Holliston* 28055. Dam *Langwater Delight* 47040.
Born Aug. 18, 1915. B. and O.: F. L. Ames, North Easton, Mass.

70292 **Langwater Rosemary**
Sire *Langwater Holliston* 28055. Dam *Imp. Rosy IV. of the Camp Joinet* 40087.
Born Sept. 7, 1915. B. and O.: F. L. Ames, North Easton, Mass.

70293 **Langwater Levity**
Sire *Langwater Holliston* 28055. Dam *Imp. Langwater Lily* 26606.
Born Sept. 22, 1915. B. and O.: F. L. Ames, North Easton, Mass.

70294 **Langwater Prosperity**
Sire *Langwater Legacy* 31324. Dam *Langwater Amiable* 49480.
Born Jan. 25, 1916. B. and O.: F. L. Ames, North Easton, Mass.

70295 **Langwater Beauty**
Sire *Langwater Crusader* 28059. Dam *Langwater Lady Fair* 49697.
Born Feb. 11, 1916. B. and O.: F. L. Ames, North Easton, Mass.

70296 **Langwater Arabella**
Sire *Langwater Saracen* 28060. Dam *Langwater Pandora* 50108.
Born April 19, 1916. B. and O.: F. L. Ames, North Easton, Mass.

70297 **Langwater Crystal**
Sire *Langwater Fashion* 23660. Dam *Imp. Melanie of Goodnestone 7th* 45983.
Born May 11, 1916. B. and O.: F. L. Ames, North Easton, Mass.

70298 **Langwater Argie**
Sire *Langwater Fashion* 23660. Dam *Argie Nerio* 15380.
Born July 14, 1916. B. and O.: F. L. Ames, North Easton, Mass.

70299 **Langwater Glory**
Sire *Langwater Fashion* 23660. Dam *Langwater Dorothy* 27944.
Born July 23, 1916. B. and O.: F. L. Ames, North Easton, Mass.

70300 **Langwater Gentle**
Sire *Langwater Fashion* 23660. Dam *Langwater Generous* 41958.
Born July 26, 1916. B. and O.: F. L. Ames, North Easton, Mass.

70301 **Langwater Sheen**
Sire *Langwater Model* 28061. Dam *Langwater Lustre* 47044.
Born July 30, 1916. B. and O.: F. L. Ames, North Easton, Mass.

70302 **Langwater Delilah**
Sire *Langwater Steadfast* 31672. Dam *Langwater Delight* 47040.
Born Aug. 2, 1916. B. and O.: F. L. Ames, North Easton, Mass.

70303 **Langwater Ladyship**
Sire *Langwater Warrior* 26509. Dam *Langwater Lady in Waiting* 54800.
Born Sept. 29, 1916. B. and O.: F. L. Ames, North Easton, Mass.

70304 **Langwater Queen of the East**
Sire *Langwater Warrior* 26509. Dam *Langwater Cleopatra* 47043.
Born Nov. 16, 1916. B. and O.: F. L. Ames, North Easton, Mass.

70305 **Langwater Fairy Queen**
Sire *Langwater Warrior* 26509. Dam *Langwater Actress* 49481.
Born Nov. 30, 1916. B. and O.: F. L. Ames, North Easton, Mass.

70306 **Langwater Good Luck**
Sire *Langwater Advocate* 20514. Dam *Langwater Milkmaid* 27942.
Born Dec. 2, 1914. B. and O.: F. L. Ames, North Easton, Mass.

70307 **Langwater Leading Lady**
Sire *Langwater Model* 28061. Dam *Langwater Actress* 49481.
Born Dec. 6, 1915. B. and O.: F. L. Ames, North Easton, Mass.

70308 **Langwater Queenly**
Sire *Langwater Crusader* 28059. Dam *Langwater May Queen* 22141.
Born Dec. 11, 1915. B. and O.: F. L. Ames, North Easton, Mass.

70309 **Langwater Pride of Birth**
Sire *Langwater Advocate* 20514. Dam *Pride of Birth* 18443.
Born Dec. 13, 1914. B. and O.: F. L. Ames, North Easton, Mass.

70310 **Langwater Rosebud**
Sire *Langwater Advocate* 20514. Dam *Langwater Hayes Rosie* 24200.
Born Jan. 19, 1915. B. and O.: F. L. Ames, North Easton, Mass.

70311 **Langwater Laundress**
Sire *Langwater Legacy* 31324. Dam *Langwater Barmaid* 47042.
Born Jan. 8, 1916. B. and O.: F. L. Ames, North Easton, Mass.

70312 **Wyoming Girl of Highland View**
Sire *Glenwood's Prince of El Moore Farm* 31551. Dam *Imp. La Grande XIII. du Bas Sejour* 39651.
Born April 21, 1916. B. and O.: Harry Leaton, Wyoming, N. Y.

70313 **Saxhorn**
Sire *Imp. Dewey's Star* 26520. Dam *Victrola* 47693.
Born Oct. 3, 1916. B. and O.: M. C. Buckingham, Cornwall, Pa.

70314 **Olivia of Somerset**
Sire *Lucifer of Somerset* 22021. Dam *Marianne of Somerset* 45210.
Born Nov. 18, 1915. B. and O.: Francis G. Lloyd, Bernardsville, N. J.

70315 **Penelope of Somerset**
Sire *Lucifer of Somerset* 22021. Dam *Eurydice of Somerset* 19999.
Born April 26, 1916. B. and O.: Francis G. Lloyd, Bernardsville, N. J.

70316 **Louanna's Miss of Mineral Home**
Sire *Reputation of Platteville* 10461. Dam *Lura Louanna* 46708.
Born May 28, 1916. B. and O.: E. J. Fruit, Platteville, Wis.

70317 **Yeksa's Beatrice 4th**
Sire *Pearl of Mound City* 25021. Dam *Yeksa's Beatrice* 34593.
Born July 22, 1916. B. and O.: Alfred Beaumont, Pewaukee, Wis.

70318 **Yeksa's Beatrice 2d's Betsey**
Sire *Pearl of Mound City* 25021. Dam *Yeksa's Beatrice 2d* 44150.
Born Aug. 28, 1916. B. and O.: Alfred Beaumont, Pewaukee, Wis.

70319 **King Masher's Laddie's Maid**
Sire *King Masher's Laddie* 23467. Dam *Deanie's Maid of Darlington* 59481.
Born June 17, 1916. B.: W. J. Royer, Orrville, Ohio. O.: Albert I. Hartzler, Orrville, Ohio.

70320 **Myrtle of Glen Loch**
Sire *Glenwood of Glen Loch* 26112. Dam *Bonetta of Riverton* 28288.
Born Jan. 2, 1916. B. and O.: John E. Sibble, Glen Loch, Pa.

70321 **Cook's Beauty**
Sire *Reiber's Duke* 8584. Dam *Reiber's Annie* 16435.
Born May 5, 1906. B. and O.: Herman C. Cook, McGrann, Pa.

70322 **Beauty's Fairy**
Sire *Earl of Kittanning* 27311. Dam *Cook's Beauty* 70321.
Born July 23, 1916. B. and O.: John Heinen, Kittanning, Pa.

70323 **Park's Pinecliff Beauty**
Sire *Prince of Pinecliff* 14536. Dam *Imp. Beauty IV. of the Queen's Hotel* 35457.
Born May 5, 1913. B. and O.: John H. Williams, Waukesha, Wis.

70324 **Belle's Candas**
Sire *Dean of Highway* 16134. Dam *Trusty's Belle* 69768.
Born Dec. 27, 1915. B. and O.: B. F. Dock, Winfield, Pa.

70325 **Roena's Daisy**
Sire *Dean of Highway* 16134. Dam *Trusty's Roena* 68632.
Born Jan. 3, 1916. B. and O.: B. F. Dock, Winfield, Pa.

70326 **May Queen of Four Pine**
Sire *Golden Noble's Pride of Windermere* 28378. Dam *May of Windermere* 35678.
Born Oct. 18, 1916. B.: J. K. Blatchford, Watervliet, Mich. O.: Fred K. Babson, Chicago, Ill.

70327 **Roxie of Willow Glen**
Sire *Harry Bourg* 30641. Dam *Princess of Mexico* 51158.
Born Sept. 8, 1916. B. and O.: J. Clarence Fretz, Perkasie, Pa.

70328 **Fairy Duchess of Willow Glen**
Sire *Harry Bourg* 30641. Dam *Imp. Fairy Duchess II. of Frie Bâton* 50447.
Born Sept. 13, 1916. B. and O.: J. Clarence Fretz, Perkasie, Pa.

70329 **Thelma Blizzard**
Sire *Phil Blizzard* 30841. Dam *Myra Blizzard* 33337.
Born Nov. 4, 1916. B. and O.: E. V. Salisbury, Oxford, N. Y.

70330 **Beauty's Spotted Pearl**
Sire *Spotswood Sequel 3d* 34017. Dam *Olive's Beauty* 54197.
Born Aug. 5, 1916. B. and O.: J. A. Thomas, Garrettsville, Ohio.

70331 **Caxta of Maplecrest**
Sire *Imp. Butter Girl's Brilliant* 36425. Dam *Imp. Caxta of the Bourg de Bas* 61274.
Born July 7, 1916. B.: F. S. Peer, Cranford, N. J. O.: George W. Love, Garrettsville, Ohio.

70332 **Yeoman's Lady Alice of Jennings Farm**
Sire *Yeoman's May King of Langwater* 14797. Dam *Erwin's Lady Alice* 27421.
Born June 22, 1916. B.: M. M. Hollingsworth, Landenberg, Pa. O.: Cortez H. Jennings, Towanda, Pa.

70333 **Yeoman's May Queen of Riderwood**
Sire *Yeoman's May King of Langwater* 14797. Dam *Joan of Wasteland* 27753.
Born July 3, 1916. B.: M. M. Hollingsworth, Landenberg, Pa. O.: Harry S. Jenkins, Riderwood, Md.

70334 **Wasteland Gladys**
Sire *Don El Toro of Linda Vista* 23567. Dam *Venus of Wasteland* 51961.
Born July 1, 1916. B. and O.: M. M. Hollingsworth, Landenberg, Pa.

70335 **Wasteland Doris**
Sire *Yeoman's May King of Langwater* 14797. Dam *Vega's Darling* 24448.
Born June 16, 1916. B. and O.: M. M. Hollingsworth, Landenberg, Pa.

70336 **Wasteland Inez**
Sire *Don El Toro of Linda Vista* 23567. Dam *Bess of Wasteland* 41596.
Born July 28, 1916. B. and O.: M. M. Hollingsworth, Landenberg, Pa.

70337 **May King's Sweetheart of Wilmington**
Sire *Yeoman's May King of Langwater* 14797. Dam *Bonnie's Sweetheart* 38183.
Born Aug. 26, 1916. B.: M. M. Hollingsworth, Landenberg, Pa. O.: Coleman du Pont, Wilmington, Del.

70338 **Don El Toro's Fairy Belle**
Sire *Don El Toro of Linda Vista* 23567. Dam *Fairy Belle of Wasteland* 56785.
Born Sept. 19, 1916. B.: M. M. Hollingsworth, Landenberg, Pa. O.: Coleman du Pont, Wilmington, Del.

70339 **Nellie Bates**
Sire *King Bates* 24210. Dam *Sukine of Jefferson* 35921.
Born Aug. 25, 1916. B. and O.: J. A. Gregg, Butler, Pa.

70340 **Lady Twinkle 2d**
Sire *Premier of Wheaton* 26780. Dam *Lady Twinkle* 38452.
Born July 11, 1916. B.: Helendale Farms, Milwaukee, Wis. O.: C. J. & W. A. Connell, Menomonee Falls, Wis.

70341 **Yeksa Unis 5th**
Sire *Guiding Star* 12423. Dam *Yeksa Unis* 19790.
Born June 14, 1916. B. and O.: Helendale Farms, Milwaukee, Wis.

70342 **Champion's Jewel**
Sire *Penthesilia's Champion* 18102. Dam *Ophir's Jewel* 53584.
Born June 13, 1916. B. and O.: Helendale Farms, Milwaukee, Wis.

70343 **Aurora Quesada**
Sire *Juan Sanchez Azcona* 27650. Dam *Princess Arlsugawa* 56859.
Born Oct. 7, 1916. B. and O.: A. H. Hinman, Allenville, Wis.

70344 **May R. of Elda**
Sire *Imp. Governor of the Chêne of Elda* 23408. Dam *Gertrude R. of Elda* 43710.
Born Jan. 24, 1916. B. and O.: David Wilson, New Centerville, Pa.

70345 **Governor's Louise of Elda**
Sire *Imp. Governor of the Chêne of Elda* 23408. Dam *Louise H. of Elda* 43711.
Born March 20, 1916. B. and O.: David Wilson, New Centerville, Pa.

70346 **Letitia W. of Elda**
Sire *Imp. Governor of the Chêne of Elda* 23408. Dam *Lettie of Seneca* 35897.
Born March 21, 1916. B. and O.: David Wilson, New Centerville, Pa.

70347 **Florence R. of Elda**
Sire *Sir William H. of Seneca* 27697. Dam *Gertrude R. of Elda* 43710.
Born Dec. 6, 1916. B. and O.: David Wilson, New Centerville, Pa.

70348 **Raider's Alma of Arles**
Sire *Aimable's Rosette's Raider of Waddington* 29315. Dam *Flora of Inverness 2d* 32703.
Born Aug. 8, 1916. B. and O.: Morgan H. Grace, Americus, Ga.

70349 **Raider's Anita of Arles**
Sire *Aimable's Rosette's Raider of Waddington* 29315. Dam *Flora of Inverness 2d's Daisy* 44691.
Born Sept. 24, 1916. B. and O.: Morgan H. Grace, Americus, Ga.

70350 **Merry Myrtle**
Sire *Primal B. of Avonlea* 26677. Dam *Daisy Pearl of Red Barn Farm* 51583.
Born July 6, 1916. B. and O.: Est. R. L. Patterson, Butler, Pa.

70351 **Manka of Spring Brook Farm**
Sire *Guyre's Champion* 20926. Dam *Josanna of Cherry Hill Farm* 37874.
Born July 9, 1916. B. and O.: David Morgan, Cato, Wis.

70352 **Honey Bunch's Dairy Maid**
Sire *King William of Bon Ayre* 27316. Dam *Helen Mae's Honey Bunch* 52200.
Born May 18, 1916. B.: Frank E. Cooley, Holt, Mich. O.: J. W. Winkler, Wooster, Ohio.

70353 **Miss Rachel Reserve**
Sire *King William of Bon Ayre* 27316. Dam *Rachel of Richland* 49034.
Born May 20, 1916. B.: Frank E. Cooley, Holt, Mich. O.: C. F. Camp, Homerville, Ohio.

70354 **Imp. Downe Lady Blanche 2d**
(11293 E. G. H. B.)
Sire *Wickham May King* (2883 E. G. H. B.) Dam *Downe Lady Blanche* (10648 E. G. H. B.) On Guernsey *Lady Blanche II. of the Blicqs* (R. G. A. S. 12450 P. S.)
Born June 6, 1915. Imp. to New York, May 24, 1916, in S. S. Minnehaha, by F. S. Peer, Cranford, N. J. B.: D. C. Haldeman, England. O.: F. S. Peer, Cranford, N. J.

70355 **Imp. Vallon Driad**
(R. G. A. S. 14922 P. S.)
Sire *Imp. Rydale of the Douit* 39132. Dam On Guernsey *May Rose II. of the Videclins* (R. G. A. S. 11866 P. S.)
Born March 26, 1915. Imp. to New York, May 24, 1916, in S. S. Minnehaha, by F. S. Peer, Cranford, N. J. B.: C. Kitts, Island of Guernsey. O.: F. S. Peer, Cranford, N. J.

70356 **Zona of the Elms**
Sire *Jacob Lad* 30995. Dam *Cyrilda* 16683.
Born July 28, 1916. B. and O.: Frank T. Wheeler, Great Barrington, Mass.

70357 **Evona of the Elms 2d**
Sire *Jacob Lad* 30995. Dam *Evona of the Elms* 54546.
Born Aug. 25, 1916. B. and O.: Frank T. Wheeler, Great Barrington, Mass.

70358 **Golden Lucina**
Sire *Golden Berkshire* 32039. Dam *Lucina of the Elms* 41024.
Born Oct. 7, 1916. B. and O.: Frank T. Wheeler, Great Barrington, Mass.

70359 **Ava of the Elms 2d**
Sire *Golden Berkshire* 32039. Dam *Ava of the Elms* 57439.
Born Oct. 11, 1916. B. and O.: Frank T. Wheeler, Great Barrington, Mass.

70360 **Hambro's Daisy**
Sire *Janilly's Hambro* 29110. Dam *Imp. Foulon Daisy IV.* 28534.
Born June 11, 1915. B. and O.: Bert Parish, Whitewater, Wis.

70361 **Hambro's Lady Janilly**
Sire *Janilly's Hambro* 29110. Dam *Imp. Lisle's Lady Mysie II.* 28555.
Born June 16, 1915. B. and O.: Bert Parish, Whitewater, Wis.

70362 **General St. Pierre's Lady 2d**
Sire *Janilly's Hambro* 29110. Dam *General St. Pierre's Lady* 22497.
Born Aug. 1, 1915. B. and O.: Bert Parish, Whitewater, Wis.

70363 **Lady Mysie Bell**
Sire *Janilly's Hambro* 29110. Dam *Golden Mysie* 43309.
Born Nov. 2, 1915. B. and O.: Bert Parish, Whitewater, Wis.

70364 **King's Coral Lady 2d**
Sire *Janilly's Hambro* 29110. Dam *King's Coral Lady* 56391.
Born Nov. 3, 1915. B. and O.: Bert Parish, Whitewater, Wis.

70365 **Melrose Lady**
Sire *Janilly's Hambro* 29110. Dam *Melrose Goldie* 54754.
Born Dec. 3, 1915. B. and O.: Bert Parish, Whitewater, Wis.

70366 **Lady Bell Violet**
Sire *Janilly's Hambro* 29110. Dam *Violet Belle* 19355.
Born Dec. 7, 1915. B. and O.: Bert Parish, Whitewater, Wis.

70367 **Hambro's Lily Bell**
Sire *Janilly's Hambro* 29110. Dam *Ben's Golden Lily* 54753.
Born Feb. 10, 1916. B. and O.: Bert Parish, Whitewater, Wis.

70368 **Lady Rose of Cloverdell**
Sire *Primal Hyacinth* 25774. Dam *Imp. Rose of the Venelle Simon* 53572.
Born Oct. 29, 1916. B. and O.: R. H. Dutton, Colmar, Pa.

70369 **Miss L. N. of Edgewater**
Sire *Rose-noble* 20427. Dam *Miss Linden of Edgewater* 32708.
Born July 25, 1916. B. and O.: F. G. Benham, Canandaigua, N. Y.

70370 **Truelove of Edgewater**
Sire *Rose-noble* 20427. Dam *Truelove of Evanmar* 39051.
Born Sept. 23, 1916. B. and O.: F. G. Benham, Canandaigua, N. Y.

70371 **Adeline of Sarnia's Princess**
Sire *Imp. Prince of Sarnia* 22000. Dam *Adeline of Sarnia* 34515.
Born June 30, 1916. B.: Charles L. Hill, Rosendale, Wis. O.: W. E. Fisher, Wauwatosa, Wis.

70372 **Jennie June of the Loop**
Sire *Duchess's Lord* 30721. Dam *Aggie Queen of Rock* 50058.
Born June 30, 1916. B. and O.: W. E. Fisher, Wauwatosa, Wis.

70373 **Jennie Lind of Shady Nook**
Sire *Bill Bryan of Shady Nook* 31022. Dam *Zadia's Dinah S. of Fairview* 23005.
Born Oct. 6, 1916. B. and O.: W. J. Downing, Kawkawlin, Mich.

70374 **Topaz of Piedmont**
Sire *Sequel's Favorite* 19704. Dam *Topaz of Bridgewater* 37970.
Born July 20, 1916. B. and O.: George M. La Monte, Bound Brook, N. J.

70375 **Bargy of Evergreens**
Sire *Sequel's Favorite* 19704. Dam *Bargy of Raritan* 37971.
Born April 1, 1916. B. and O.: Est. George La Monte, Bound Brook, N. J.

70376 **Holden's Beauty**
Sire *Imp. Holden IV.* 12179. Dam *Imp. Le Cerf's Beauty* 33116.
Born May 6, 1916. B. and O.: Alfred I. Stubbs, West Salem, Wis.

70377 **Glenwood Queen Gay**
Sire *Rondy B. of Edgewater* 31178. Dam *Glenwood Queen of Maplehurst* 21636.
Born Sept. 27, 1916. B. and O.: Cornell University, Ithaca, N. Y.

70378 **Mota Miranda**
Sire *Rondy B. of Edgewater* 31178. Dam *Mota Ledyard* 43557.
Born Nov. 20, 1916. B. and O.: Cornell University, Ithaca, N. Y.

70379 **Linder's Diana**
Sire *Imp. Eva's Princess's Jewel* 17384. Dam *Princess Cassie of Homestead* 29342.
Born Feb. 2, 1915. B. and O.: J. L. Linder, Monroeville, Ohio.

70380 **Middledale's Morning Star**
Sire *Imp. Ivy's Masterpiece* 26916. Dam *Reiber's Maggie* 17320.
Born Sept. 22, 1916. B. and O.: Calkins & Riggs, Creswell, Oregon.

70381 **Lou of Proitoiy Farm**
Sire *Lucifer of Frankland* 33885. Dam *Picolie of Mixter Farm* 38839.
Born Dec. 25, 1916. B. and O.: Charles W. Praray, New Bedford, Mass.

70382 **Rival's Fawn Rose of Dellwood**
Sire *Langwater Rival* 14194. Dam *Olga Rose of Dellwood* 37054.
Born July 19, 1916. B. and O.: John Henry Hammond, Mount Kisco, N. Y.

70383 **Elfordleigh of Cedaredge**
Sire *Morven's Golden King* 32637. Dam *Imp. Elfordleigh Heroine* 54034.
Born Aug. 12, 1916. B. and O.: Charles L. Shockley, Snow Hill, Md.

70384 **Lady Roberts of The Forges**
Sire *Hayes Robert of Great Hill* 29705. Dam *Goldvein of The Forges* 51629.
Born June 22, 1916. B. and O.: Sherman L. Whipple, Plymouth, Mass.

70385 **Fairy of The Forges**
Sire *Raymond's Cambrées Lad of Lewison* 19611. Dam *Fairy of Clydehurst* 24776.
Born June 25, 1916. B. and O.: Sherman L. Whipple, Plymouth, Mass.

70386 **Elsie of The Forges**
Sire *Hayes Robert of Great Hill* 29705. Dam *Gold Drop of The Forges* 54734.
Born July 3, 1916. B. and O.: Sherman L. Whipple, Plymouth, Mass.

70387 **Captain's Pearl**
Sire *Jastra's Captain Glenwood* 31959. Dam *Edna of Kittanning* 48366.
Born June 30, 1916. B. and O.: J. C. Bowser, Kittanning, Pa.

70388 **Cora Quite**
Sire *Natoma's Valdagno 2d* 32323. Dam *Buttercup Daisy* 56595.
Born June 11, 1916. B. and O.: Levi Ressler, Jr., Nappanee, Ind.

70389 **Marshall's Pride**
Sire *Marshall of Waddington* 14320. Dam *Theodore's Pride* 42768.
Born June 15, 1916. B. and O.: J. C. Sonda & Sons, West Alexander, Pa.

70390 **Marshall's Comtesse of Locust Hill**
Sire *Marshall of Waddington* 14320. Dam *Imp. Comtesse de Paris II.* 32401.
Born July 15, 1916. B. and O.: J. C. Sonda, West Alexander, Pa.

70391 **Marshall's Lady Lassie**
Sire *Marshall of Waddington* 14320. Dam *Lassie of Waddington* 22783.
Born July 25, 1916. B. and O.: J. C. Sonda, West Alexander, Pa.

70392 **Bossie Maid**
Sire *Hero Yeksa Q.* 21042. Dam *Imp. Short of the Grandes Capelles* 34354.
Born Nov. 21, 1915. B. and O.: D. T. Williams, Belleville, Kansas.

70393 **Galley Maid**
Sire *Elroy* 26807. Dam *Gallant Knight's Daughter 2d* 62320.
Born Dec. 13, 1915. B. and O.: D. T. Williams, Belleville, Kansas.

70394 **Topsy's Lucky Number**
Sire *Raymond's Multnomah of Oregon* 28733. Dam *Imp. Topsy of la Moserie* 50270.
Born Oct. 6, 1916. B. and O.: Clarence True Wilson, Portland, Oregon.

70395 **Lucy Bell Carlton of Maplewood 2d**
Sire *Zoena's Marshall* 16867. Dam *Lucy Bell Carlton of Maplewood* 55631.
Born Oct. 10, 1916. B. and O.: O. B. Sillerude, Pelican Rapids, Minn.

70396 **Pippin**
Sire *Captain Bay* 34776. Dam *Daisy of Chestnut Dale* 37891.
Born Sept. 8, 1916. B. and O.: E. W. Mitchell, Stuyvesant Falls, N. Y.

70397 **Lakefields May**
Sire *Glenwood's Prince Eli of Lakefields* 21990. Dam *Rhoda Sequel* 31041.
Born July 16, 1916. B. and O.: E. G. Crocker, Saint Albans, Maine.

70398 **Florabella of Knowledge Hill Farm**
Sire *Bonnymeads Jolly King* 29633. Dam *Rotha of Locust Lane* 61542.
Born July 21, 1916. B. and O.: M. A. Obercash, Steelton, Pa.

70399 **Dairy's Pride 2d**
Sire *Golden Secret of Pencoyd* 23462. Dam *Imp. Dairy's Pride* 50689.
Born July 1, 1916. B. and O.: Gage E. Tarbell, Smithville Flats, N. Y.

70400 **Lady Linden of Highway**
Sire *Victorious King of Maplehurst* 29679. Dam *Dorothy of Highway* 53390.
Born Oct. 28, 1916. B. and O.: John W. Little, Hanover, Pa.

70401 **Glenwood's Rosenlind**
Sire *Andy of St. Croix* 28639. Dam *Glenwood Meranda Fernwood* 43187.
Born Nov. 26, 1916. B. and O.: Paul B. Bjerkeng, Beldenville, Wis.

70402 **Missaukee Belle**
Sire *Belle of Richland's Glenwood Boy* 28813. Dam *Belle of Richland* 29696.
Born Oct. 17, 1916. B.: Morningside Farm, Cadillac, Mich. O.: Arthur M. Smith, Lake City, Mich.

70403 **Florette of Bally Hooly**
Sire *Countess's King of Oakhurst* 27771. Dam *Gold's Ida Valentine* 28139.
Born Nov. 11, 1916. B. and O.: Edwin A. Carter, Becket, Mass.

70404 **Laurette of Bally Hooly**
Sire *Countess's King of Oakhurst* 27771. Dam *Valentine of Bally Hooly* 45772.
Born Nov. 30, 1916. B. and O.: Edwin A. Carter, Becket, Mass.

70405 **Great Hill's Lily**
Sire *Great Hill's Golden Secret* 28829. Dam *Buttercup of Great Hill* 46810.
Born Dec. 6, 1916. B. and O.: Galen L. Stone, Marion, Mass.

70406 **Great Hill's Beauty**
Sire *Great Hill's Golden Secret* 28829. Dam *Lady Roberts of Great Hill* 48956.
Born Dec. 9, 1916. B. and O.: Galen L. Stone, Marion, Mass.

70407 **Favorite of Fox Run**
Sire *Rockingham's May Lad* 28311. Dam *Jethro's Favorite of Fox Run* 49740.
Born Oct. 4, 1916. B. and O.: F. B. Rice, Peterboro, N. H.

70408 **Fox Run Lou**
Sire *Rockingham's May Lad* 28311. Dam *Pride's Lou of Fox Run* 52030.
Born Nov. 23, 1916. B. and O.: Est. W. B. Rice, Peterboro, N. H.

70409 **Beauty of Valevue**
Sire *King Sequel of Sweet Springs* 34419. Dam *Beauty of Wasteland* 19869.
Born July 6, 1916. B. and O.: W. G. Vandenbark, Zanesville, Ohio.

70410 **Bonnie Fern of Valevue**
Sire *King Sequel of Sweet Springs* 34419. Dam *Lilly Ellis Fern 2d* 24170.
Born July 7, 1916. B. and O.: W. G. Vandenbark, Zanesville, Ohio.

70411 **Lady's Pride of Valevue**
Sire *King Sequel of Sweet Springs* 34419. Dam *Lady Fern of Valevue* 50220.
Born July 20, 1916. B. and O.: W. G. Vandenbark, Zanesville, Ohio.

70412 **Marimba**
Sire *Lord's Billy of Sunny Side* 29510. Dam *Mary Briggs* 29181.
Born Oct. 1, 1916. B. and O.: Mrs. Eva Lehmann, Woodland, Wis.

70413 **Lady Bobetta**
Sire *Lord's Billy of Sunny Side* 29510. Dam *Bobetta* 30135.
Born Oct. 8, 1916. B. and O.: Mrs. Eva Lehmann, Woodland, Wis.

70414 **River Lily**
Sire *Lord's Billy of Sunny Side* 29510. Dam *Imp. Lily d'Aval IV.* 28565.
Born Oct. 29, 1916. B. and O.: Mrs. Eva Lehmann, Woodland, Wis.

70415 **Bonnie of Far View**
Sire *Julius of New Castle* 20089. Dam *Pauline of Far View* 56081.
Born July 15, 1916. B. and O.: G. F. Oberdorf, Sunbury, Pa.

70416 **Lassie of Far View**
Sire *Noble Boy of App Farm* 29684. Dam *Janice of Far View* 49506.
Born Oct. 20, 1916. B. and O.: G. F. Oberdorf, Sunbury, Pa.

70417 **Ottawa's Butterfly**
Sire *Ottawa Star Bright* 32915. Dam *Blanche's Butterfly of Ottawa* 42156.
Born Aug. 2, 1916. B. and O.: George W. Reeves, Grand Rapids, Mich.

70418 **Little Polly of Homestead**
Sire *Imp. Governor's Paget* 26188. Dam *Dairy Maid of Homestead* 40321.
Born July 24, 1916. B. and O.: W. G. Jamison & Sons, Appleton, Wis.

70419 **Duchess May Rose of Maudesleigh 2d**
Sire *Langwater Royalist* 23121. Dam *Duchess May Rose of Maudesleigh* 62315.
Born July 20, 1916. B. and O.: F. S. Moseley, Newburyport, Mass.

70420 **Mayflower's Royal Rose of Maudesleigh**
Sire *Langwater Royalist* 23121. Dam *Mayflower of Maudesleigh* 42579.
Born Aug. 4, 1916. B. and O.: F. S. Moseley, Newburyport, Mass.

70421 **Millie Rose of Ewing**
Sire *May Rose King of Ewing* 27234. Dam *Lady Ruth of Ewing* 55476.
Born Dec. 1, 1916. B.: F. W. Roebling, Trenton, N. J. O.: A. J. Snyder, Plumsteadville, Pa.

70422 **Carolina Rose of Ballard Farm**
Sire *St. Austell Prince Charming* 34670. Dam *Imp. Miss Glen* 23242.
Born July 18, 1916. B. and O.: Ballard Bros., Niles, Mich.

70423 **Princess Charming of Ballard Farm**
Sire *St. Austell Prince Charming* 34670. Dam *Fair Daisy of Maple Row* 58316.
Born Sept. 10, 1916. B. and O.: Ballard Bros., Niles, Mich.

70424 **Delphi of Palmhurst**
Sire *Gustavus of Birchwood* 17037. Dam *Lady Delphi* 13149.
Born Jan. 5, 1915. B.: J. C. Grupe, Stockton, Cal. O.: E. R. Frey, Byron, Cal.

70425 **Rita of Palmhurst**
Sire *Ferndane of Briarbank* 19216. Dam *Marguerite of Palmhurst* 37434.
Born March 9, 1915. B. and O.: E. R. Frey, Byron, Cal.

70426 **Ramona Langlois**
Sire *Sir Audley of the Otselic* 26526. Dam *Louise Langlois* 45795.
Born June 25, 1916. B. and O.: J. D. Lidell, McDonough, N. Y.

70427 **Imp. Duchess of Prospect**
Sire *Lynchmere Lord Roberts 7th* (3005 E. G. H. B.) Dam *Imp. Hayes Duchess of Connaught* 67879.
Born Aug. 7, 1916. Imp. in dam. B.: John I. Smail, England. O.: W. W. Marsh, Waterloo, Iowa.

70428 **Cherub's Lass of the Prairie**
Sire *Imp. Hayes Cherub 2d* 25147. Dam *Imp. Southampton Lass of New Castle* 23722.
Born Sept. 4, 1916. B. and O.: W. W. Marsh, Waterloo, Iowa.

70429 **Esther of Zoar Farm**
Sire *Baron of Sarnia* 20687. Dam *Jessie of Zoar Farm* 52753.
Born July 6, 1916. B. and O.: D. T. Williams, Waukesha, Wis.

70430 **Governor's Nora of Walnut Ridge**
Sire *Noble Governor of Walnut Ridge* 32454. Dam *Nora of Ulao* 37397.
Born May 28, 1916. B. and O.: George S. Love, Jr. & J. C. Love, Waukesha, Wis.

70431 **Signonena**
Sire *Poppy Boy of Sunnyside* 23640. Dam *Signoretta* 23356.
Born May 29, 1916. B.: John H. Wheat & Son, Moravia, N. Y. O.: John H. Streeter, Venice Center, N. Y.

70432 **Norine Opal**
Sire *Yeksa Opal's Glenwood* 26594. Dam *Masher's Norine* 49021.
Born May 31, 1916. B. and O.: R. E. Freehoff, Coon Valley, Wis.

70433 **Sophia's Daphne**
Sire *Lord Sully* 20623. Dam *Sophia of Homestead* 23503.
Born May 15, 1916. Twin with cow No. 70434. B. and O.: C. A. Holt, Boise, Idaho.

70434 **Sophia's Diana**
Sire *Lord Sully* 20623. Dam *Sophia of Homestead* 23503.
Born May 15, 1916. Twin with cow No. 70433. B. and O.: C. A. Holt, Boise, Idaho.

70435 **Emogine's Beauty of Fairmont**
Sire *Raymond's Pal of Lewison* 16796. Dam *Emogine of Elkview* 34767.
Born Dec. 18, 1915. B.: Virginia Polytechnic Institute, Blacksburg, Va. O.: Walter C. Noell, Gretna, Va.

70436 **Laura's American Pansy**
Sire *North American* 18539. Dam *Laura of Lind* 26971.
Born March 9, 1916. B. and O.: B. A. Jacklin & Sons, Waupaca, Wis.

70437 **Clovilla Jean**
Sire *Nifty Prince* 20649. Dam *Clovilla Martin* 42855.
Born April 14, 1916. B. and O.: B. A. Jacklin & Sons, Waupaca, Wis.

70438 **Marjory of Annandale**
Sire *Veribest* 9845. Dam *Lilac of the Glen* 15591.
Born Sept. 2, 1915. B. and O.: Moses Taylor, Mount Kisco, N. Y.

70439 **Juliette of Annandale**
Sire *Veribest* 9845. Dam *Roxana of Annandale* 19364.
Born Feb. 27, 1916. B. and O.: Moses Taylor, Mount Kisco, N. Y.

70440 **Lady Betty of Yellow Birch**
Sire *Glenwood's Stranford 3d* 33700. Dam *Ina Masher of Riverside* 51456.
Born Oct. 28, 1916. B. and O.: G. F. Sanborn, Eagle River, Wis.

70441 **Selma S. Unis**
Sire *Una's Bloom of Milltown* 29779. Dam *Stella V. 3d* 54529.
Born Oct. 11, 1916. B. and O.: Thomas Emerson, Turtle Lake, Wis.

70442 **Alice Tess**
Sire *Marsh's Dairyman* 25009. Dam *Selina Lou's Betty* 53551.
Born Sept. 30, 1916. B. and O.: Mrs. L. C. Hays, Imperial, Pa.

70443 **Eky**
Sire *Ronaldsdale's Mainstay* 29599. Dam *Eleanor C.* 36628.
Born July 11, 1916. B. and O.: Ronald Blake, Vienna, Va.

70444 **Neta of Manomet**
Sire *Golden Dream of Imp. Bon Espoir XII.* 25183. Dam *Miranda of Manomet* 52109.
Born Nov. 28, 1916. B. and O.: Charles A. Stone, Plymouth, Mass.

70445 **Mary of Mapleshade**
Sire *Dimple Bloom of Welliversville* 22280. Dam *Esther of Oakwood* 29283.
Born March 20, 1916. B. and O.: F. F. Hayman, New Columbus, Pa.

70446 **Bessie Fern**
Sire *Schyler G.* 24248. Dam *Jeanette's Viola* 43545.
Born Sept. 9, 1916. B.: J. S. Walters & A. J. Stutzman, Nappanee, Ind. O.: D. O. Burkholder, Nappanee, Ind.

70447 **Lady Hilda of Esker View**
Sire *Prince Regent of Meadowbrook* 15962. Dam *Lula of Esker View* 33444.
Born Aug. 2, 1914. B. and O.: Scott W. Swarts, Springwater, N. Y.

70448 **Fay of Esker View**
Sire *Charlie G. of Edgewater* 30205. Dam *Kate of Willowdale* 24553.
Born July 9, 1916. B. and O.: Scott W. Swarts, Springwater, N. Y.

70449 **Dora Hayes**
Sire *Sophia's Jerry* 23591. Dam *Faith Hayes* 54959.
Born Nov. 23, 1915. B. and O.: A. A. Newhall, Shelburne, Mass.

70450 **Miss Fortune 2d**
Sire *St. Austell Sultan* 33782. Dam *Miss Fortune* 55808.
Born Sept. 4, 1916. B. and O.: Thomas Morgan, Allegan, Mich.

70451 **Nellydale of Pleasant Valley**
Sire *Jack of Oak Ridge* 34284. Dam *Springdale of Fairview* 52823.
Born Sept. 21, 1916. B. and O.: H. J. Giese, Jefferson, Wis.

70452 **Lois of Elder Grove Farm**
Sire *Alfretta of Meadow Valley* 20929. Dam *Ruth of Breezy Hill Dairy Farm* 51200.
Born Aug. 25, 1916. B. and O.: Geo. H. Beckman, Thorp, Wis.

70453 **Verna Selma**
Sire *Galaxy's Dairy King* 25690. Dam *Minnie of Pleasant View* 41570.
Born July 12, 1916. B. and O.: W. B. Barb, Mesopotamia, Ohio.

70454 **Zena's Eveline of Holland**
Sire *Zena's Jury of Koshkonong Place* 26471. Dam *Eveline of Holland* 43716.
Born Nov. 13, 1916. B. and O.: Aug. J. Luebbert, Holland, Ind.

70455 **May Queen of Branford**
Sire *Rockingham's Lad of Branford* 25762. Dam *Imp. May Queen of the Merriennes* 36306.
Born Aug. 6, 1916. B. and O.: Morton F. Plant, Groton, Conn.

70456 **Branford's Tarantula**
Sire *Florham May King* 30935. Dam *Tarantula* 34193.
Born Sept. 3, 1916. B. and O.: Morton F. Plant, Groton, Conn.

70457 **High Rock Girl of Branford**
Sire *Rockingham's President* 30401. Dam *Ino of High Rock* 53740.
Born Sept. 6, 1916. B.: Est. E. S. Thomas, Groton, Conn. O.: Morton F. Plant, Groton, Conn.

70458 **Branford's Laurentic**
Sire *Rockingham's Lad of Branford* 25762. Dam *Laurentic* 36490.
Born Sept. 12, 1916. B. and O.: Morton F. Plant, Groton, Conn.

70459 **Monarch's Beauty**
Sire *Monarch of Upland Farms* 30090. Dam *Lyndon Belle* 22829.
Born Sept. 1, 1916. B. and O.: George C. Clark, Orford, N. H.

70460 **Pansy of Roughwood**
Sire *Demonstrator of Roughwood* 23133. Dam *Imp. Blanchflower X.* 21289.
Born July 19, 1916. B. and O.: Ernest B. Dane, Chestnut Hill, Mass.

70461 **Violet of Roughwood**
Sire *Demonstrator of Roughwood* 23133. Dam *Imp. Sequel's Busy Bee* 21343.
Born Oct. 5, 1916. B. and O.: Ernest B. Dane, Chestnut Hill, Mass.

70462 **May Bell of Roughwood**
Sire *Rogue of Roughwood* 33755. Dam *Mayflower of Roughwood* 48221.
Born Dec. 23, 1916. B. and O.: Ernest B. Dane, Chestnut Hill, Mass.

70463 **Maggie Murphy of Hillside**
Sire *Perfection Boy of Haddon* 29443. Dam *Magdalene of Hillside* 53116.
Born April 30, 1916. B. and O.: Est. Joseph Evans, Marlton, N. J.

70464 **Quaker Lady of Hillside**
Sire *Cedric of Hillside* 22424. Dam *Arbutus of Hillside 2d* 40965.
Born May 28, 1916. B. and O.: Est. Joseph Evans, Marlton, N. J.

70465 **Green Meadow Viola**
Sire *Pencoyd's Golden Secret* 16550. Dam *Imp. Viola of the Isle* 35247.
Born July 16, 1916. B. and O.: G. A. Cluett, Williamstown, Mass.

70466 **Lady's Eudora of Niles**
Sire *Nell's Son of Eau Claire* 28622. Dam *Lady of Niles* 38211.
Born Aug. 20, 1916. B. and O.: Adolph Knott, Niles, Mich.

70467 **Anna Belle Lee of Rose Bank Farms**
Sire *Grasslands Roll of Honor* 18200. Dam *Donnington Nancy* 46060.
Born Dec. 18, 1916. B. and O.: Myron H. Richardson, Littleton, N. H.

70468 **Rhoda's Roll of Honor of The Maples**
Sire *Grasslands Roll of Honor* 18200. Dam *Rhoda of Hopecrest* 54915.
Born Nov. 28, 1916. B. and O.: M. F. Young, Littleton, N. H.

70469 **Daynewta**
Sire *Diana's Sequel of Keewaydin* 24353. Dam *Imp. Guilmoto's Polly II.* 35800.
Born Oct. 31, 1916. B. and O.: James M. Cox, Dayton, Ohio.

70470 **Iva of Portland**
Sire *Imp. Squire of Bickleigh* 15386. Dam *Pauline of Portland 2d* 25711.
Born Sept. 21, 1916. B. and O.: Robert Hartshorne, Highlands, N. J.

70471 **Amphalula of Burnham Beach**
Sire *Pretor Pan* 14809. Dam *Ladysmith of Grafton* 37518.
Born Aug. 1, 1916. B. and O.: Cedarburg Canning Co., Cedarburg, Wis.

70472 **Miss Arbela of Linwood**
Sire *Dairymaid's Glenwood of Pinehurst 3d* 26948. Dam *Imp. Arbela of Linwood* 52607.
Born Sept. 22, 1916. B. and O.: Homer F. Rundell, Livingston, Wis.

70473 **Brightness of Linwood**
Sire *Dairymaid's Glenwood of Pinehurst 3d* 26948. Dam *Sweetness of Linwood* 51085.
Born Sept. 27, 1916. B. and O.: Homer F. Rundell, Livingston, Wis.

70474 **Ione of Walnut Crest**
Sire *Glenwood's Bayside* 19825. Dam *Ione of Bonnymeade* 24920.
Born Dec. 10, 1916. B. and O.: Clinton F. Rines, Westbrook, Maine.

70475 **Viviane's Edgewood Beauty**
Sire *Iredell's Prince* 13243. Dam *Viviane of Edgewood* 45639.
Born Jan. 8, 1916. B. and O.: W. C. Bain, Greensboro, N. C.

70476 **Iredell's Prince's Viviane**
Sire *Iredell's Prince* 13243. Dam *Princess Viviane* 48628.
Born Nov. 28, 1916. B. and O.: W. C. Bain, Greensboro, N. C.

70477 **Craigamoor Golden Glory**
Sire *Austerlitz* 25475. Dam *Craigamoor Glory* 56144.
Born Oct. 21, 1916. B. and O.: Minnie A. Cooper, Superior, Wis.

70478 **Friendship Dot**
Sire *Polly's Masher* 22513. Dam *Imp. Dot of the Isle* 35244.
Born Sept. 26, 1916. B. and O.: A. A. Thompson, Uniontown, Pa.

70479 **Katrina of Sleepy Hollow**
Sire *Snowden of Pencoyd* 27843. Dam *Starlight of Springvista* 36594.
Born Aug. 14, 1916. B.: L. S. Murat, Scandinavia, Wis. O.: Raymond G. & A. Lester Peterson, Wittenberg, Wis.

70480 **Lady of Tanglewood**
Sire *Rex of Gayhead* 24760. Dam *Flaud of Tanglewood* 63584.
Born July 10, 1916. B. and O.: J. M. DeWitt, Potter Hollow, N. Y.

70481 **Evelina of Balcott**
Sire *Glenwood's Champion of Alfalfa Farms* 27967. Dam *Procritina of Brookmead* 26231.
Born Aug. 1, 1916. B. and O.: B. A. Lippincott, Downingtown, Pa.

70482 **Rose of the Meadows**
Sire *Brookdale's Rhiny Boy* 23499. Dam *Bonnie Bell Newton* 20950.
Born Oct. 29, 1916. B. and O.: George P. Grant, Jr., Lunenburg, Mass.

70483 **Sunderland's Cora**
Sire *Sunderland's Sequel* 34975. Dam *Banner Maid* 52032.
Born Aug. 29, 1916. B. and O.: George B. Mauser, Treichlers, Pa.

70484 **Beauty of Orchard Home**
Sire *Beauty's King of Alfred* 35876. Dam *Ona of Star View Farm* 60952.
Born Nov. 11, 1916. B. and O.: Paul Whitebread, Wapwallopen, Pa.

70485 **Lily Ella's Robiana**
Sire *Lily Ella's Grandson of Bonnie Brae* 32434. Dam *Countess of Forest Lodge* 38271.
Born Aug. 27, 1916. B. and O.: William Siepert, Chippewa Falls, Wis.

70486 **Rosamond of Forest Hill**
Sire *Masher S. of Forest Hill* 38886. Dam *Primrose of Forest Hill Farm* 36514.
Born Nov. 9, 1916. B. and O.: Morton J. Brown, Kirkwood, N. Y.

70487 **Marie of Riverside Farm**
Sire *Laval's Sequel of Cuyuna* 29108. Dam *Muriel of Riverside Farm* 67585.
Born Oct. 2, 1916. B. and O.: T. M. Miller, McGrath, Minn.

70488 **Hillside's Etta**
Sire *Hillside Lad* 21418. Dam *Charmer's Etta* 32356.
Born Aug. 10, 1916. B. and O.: J. W. Randles, Stevensville, Mont.

70489 **Gaiety of South Street**
Sire *Scott Farm's New Year's King* 24651. Dam *Surprise of Woodside* 45985.
Born Sept. 14, 1916. B. and O.: F. D. E. Stowe, Brattleboro, Vt.

70490 **Mrs. Grundy of South Street**
Sire *Scott Farm's New Year's King* 24651. Dam *Nett of Beaverbrook* 40914.
Born Oct. 3, 1916. B. and O.: F. D. E. Stowe, Brattleboro, Vt.

70491 **Fornella of South Street**
Sire *Scott Farm's New Year's King* 24651. Dam *Geneva Elmdale* 36859.
Born Oct. 5, 1916. B. and O.: F. D. E. Stowe, Brattleboro, Vt.

70492 **Sweet Clover of South Street**
Sire *Scott Farm's New Year's King* 24651. Dam *Doxy S.* 54799.
Born Oct. 16, 1916. B. and O.: F. D. E. Stowe, Brattleboro, Vt.

70493 **Lady Leota of Wilruss**
Sire *Old Faneuil* 17490. Dam *Morning Glory of Wilruss* 37017.
Born Nov. 15, 1916. B. and O.: B. F. Wilson, Wausau, Wis.

70494 **Liberty of Wilruss**
Sire *Old Faneuil* 17490. Dam *Gypsy Queen of Wilruss* 37302.
Born Nov. 15, 1916. B. and O.: B. F. Wilson, Wausau, Wis.

70495 **Lucile of Twin Springs Farm**
Sire *Mogul of Haddon* 28228. Dam *Helen Taft* 41812.
Born Aug. 18, 1916. B. and O.: Warner C. Thompson, Wycombe, Pa.

70496 **Golden Noble's Alida**
Sire *Imp. Golden Noble V.* 14834. Dam *Miss Alida* 20673.
Born July 6, 1916. B. and O.: J. L. Snyder, East Lansing, Mich.

70497 **Golden Noble's Aldata**
Sire *Imp. Golden Noble V.* 14834. Dam *Aldata* 31408.
Born Sept. 30, 1916. B. and O.: J. L. Snyder, East Lansing, Mich.

70498 **Rose's Meralda of Angra**
Sire *Norwood of the Cedars* 31436. Dam *Rose of Alfalfarm* 54947.
Born Oct. 3, 1916. B. and O.: George W. Marble, Fort Scott, Kansas.

70499 **Rosetta of Angra**
Sire *Norwood of the Cedars* 31436. Dam *Rose of Alfalfarm, Junior* 57776.
Born Oct. 10, 1916. B. and O.: George W. Marble, Fort Scott, Kansas.

70500 **Maza of Highland**
Sire *Madge's Boy of Valley View* 29659. Dam *Queen of Prospect Hill's Daisy* 51788.
Born Nov. 7, 1916. B. and O.: Harvey L. Webster, Warsaw, N. Y.

70501 **Allie's Butterfly**
Sire *Langwater Frederick's Count* 33551. Dam *Imp. Allie of Linwood* 48052.
Born Aug. 16, 1916. B. and O.: Alfred C. Kittleson, Elkhorn, Wis.

70502 **Hope of Hazen Farm**
Sire *Cashton* 25126. Dam *Rosalie of Elmlawn* 40425.
Born Sept. 18, 1916. B. and O.: Henry N. Errickson, Cashton, Wis.

70503 **Twin Ash Brightness**
Sire *Don Giovanni of Linda Vista* 25545. Dam *Rose Hur of Twin Ash* 41176.
Born Aug. 22, 1916. B. and O.: Charles C. Peirce, Dover, Mass.

70504 **Itchen May's Brook Side Lass**
Sire *Bethune* 30934. Dam *Quaver of Never Never Land* 39772.
Born June 15, 1916. B. and O.: Albert Winter, Mahwah, N. J.

70505 **Imp. Alexandra of Brook Side**
Sire On Guernsey *His Grace of La Croisée* (R. G. A. S. 3534 P. S.)
Dam *Imp. Alexandra V. of Les Marchez* 65741.
Born July 4, 1916. Imp. in dam. B.: P. J. Le Poidevin, Island of Guernsey. O.: Albert Winter, Mahwah, N. J.

70506 **Alma New Berlin**
Sire *Burgomaster* 28741. Dam *Bab New Berlin* 37877.
Born Oct. 4, 1916. B. and O.: H. W. Zimmermann, Wauwatosa, Wis.

70507 **Lady Lyons of River Banks Farms**
Sire *Swan's Pride of Belmont* 20342. Dam *Lady Lyons of Bon Ayre* 47660.
Born July 15, 1916. B. and O.: Leonard Orchards Co., Grants Pass, Oregon.

70508 **May Rose of River Banks Farms**
Sire *Swan's Pride of Belmont* 20342. Dam *Good Promise of Bon Ayre* 47662.
Born July 17, 1916. B. and O.: Leonard Orchards Co., Grants Pass, Oregon.

70509 **Marie's Lucille of Woodland Farms**
Sire *Lucille's Glenwood* 26997. Dam *Marie G.* 46522.
Born Dec. 12, 1915. B.: W. J. Royer, Orrville, Ohio. O.: Fred R. Davis, Frankfort, Ind.

70510 **Ridgeland Mack**
Sire *Langwater Princeling* 14906. Dam *Imp. Mack of the Grands Courtils III.* 65319.
Born July 11, 1916. B. and O.: H. A. Rundell, Roberts, Wis.

70511 **Ridgeland Rose of Gold**
Sire *Sundari's King of St. Croix* 24486. Dam *Imp. Chilcott's Rose of Gold II.* 65322.
Born July 29, 1916. B. and O.: H. A. Rundell, Roberts, Wis.

70512 **Raymond's Peggotty of Waukesha**
Sire *Imp. Raymond of les Belles* 26187. Dam *Peggotty Glenwood* 36288.
Born Oct. 15, 1916. B. and O.: A. W. & F. E. Fox, Waukesha, Wis.

70513 **Betty's Dewdrop**
Sire *Yeksa of Clover Meadow* 29940. Dam *Betty's Barbara* 49573.
Born May 2, 1915. B. and O.: C. M. Enders, Wakarusa, Ind.

70514 **Dollie of Sunny Slope**
Sire *Pride of Homa Della* 25503. Dam *Pet of Milford Lassie* 48134.
Born Sept. 7, 1916. B. and O.: Noah Rediger, Milford, Nebr.

70515 **Betsy of Pleasant View**
Sire *King Rival of Maple Hill* 22751. Dam *Yeksa Beauty of Pleasant View* 57070.
Born July 19, 1916. B. and O.: Frank Runde, Sinsinawa, Wis.

70516 **Pearl of Pleasant View**
Sire *King Rival of Maple Hill* 22751. Dam *Lilly of Pleasant View* 25853.
Born Sept. 22, 1916. B. and O.: Frank Runde, Sinsinawa, Wis.

70517 **Leanore of Brookside**
Sire *Ledyard's Glenwood* 32763. Dam *Lady of Forest Lawn* 42825.
Born Aug. 12, 1916. B. and O.: J. B. Edsall, Pine City, N. Y.

70518 **Queen Wyola of Rocky Reach**
Sire *Florham Knight* 32353. Dam *Queen Wyola* 56934.
Born Oct. 27, 1916. B. and O.: Alfred L. Lincoln, Norwell, Mass.

70519 **Albina of Sulphur Springs**
Sire *Jessie's Hero* 25711. Dam *Meldora of Sulphur Springs* 36688.
Born Nov. 3, 1916. B. and O.: Charles Schmoldt, Rosendale, Wis.

70520 **Fern's Minora**
Sire *Paul of Inglehurst* 18879. Dam *Lady Fern's Isora* 54300.
Born Sept. 15, 1916. B. and O.: Benrud Bros., Goodhue, Minn.

70521 **Gay's Lady Hopeful**
Sire *Gay's May King* 19731. Dam *Lady Hopeful* 26424.
Born July 13, 1916. B. and O.: Ray Lewis, West Salem, Wis.

70522 **Gay's Golden Queen**
Sire *Gay's May King* 19731. Dam *Imp. Golden Queen of Bellview* 39930.
Born July 16, 1916. B. and O.: Ray Lewis, West Salem, Wis.

70523 **Gay Polly of Oak Grove**
Sire *Gay's May King* 19731. Dam *Imp. Polly II. of le Marais* 50282.
Born Sept. 15, 1916. B. and O.: Ray Lewis, West Salem, Wis.

70524 **Ginseng**
Sire *Ferndale Chief* 27163. Dam *Glengranger A.* 22115.
Born Nov. 30, 1916. B. and O.: Mrs. James B. Case, Weston, Mass.

70525 **Freda of Middlebrook**
Sire *Imp. Hero of the Courtil au Préel* 13840. Dam *Betty of Middlebrook* 25019.
Born Oct. 30, 1916. B. and O.: C. H. Zehnder, Allenhurst, N. J.

70526 **Jean of Middlebrook**
Sire *Imp. Hero of the Courtil au Préel* 13840. Dam *Jane of Mapleton* 24607.
Born Nov. 20, 1916. B. and O.: C. H. Zehnder, Allenhurst, N. J.

70527 **Imp. Slim Chance**
Sire *Imp. Butter Lad II. of the Braye* 41130. Dam *Imp. Jenemies' Polly VI.* 65717.
Born Aug. 11, 1916. Imp. in dam. B.: C. Kitts, Island of Guernsey. O.: F. A. Stuart, Marshall, Mich.

70528 **Miss Wilson**
Sire *St. Austell Descender* 33460. Dam *Glenna of Two Oaks* 56655.
Born Nov. 7, 1916. B. and O.: F. A. Stuart, Marshall, Mich.

70529 **Alice Clarissa**
Sire *Echo's Glenwood Boy* 29066. Dam *Princess of Fair View Farm* 40273.
Born Aug. 11, 1916. B. and O.: I. R. Crum, Sand Brook, N. J.

70530 **Muriel Fancy**
Re-entry of cow 62304 for correction of data.
Sire *Quartz 4th's Anchor* 19387. Dam *Muriel of Arcadia* 33326.
Born March 25, 1915. B. and O.: Canterbury Shakers, East Canterbury, N. H.

70531 **Thalia Ray**
Re-entry of cow 62306 for correction of data.
Sire *Reuben Ray* 24055. Dam *Thalia of Arcadia* 33325.
Born July 22, 1915. B. and O.: Canterbury Shakers, East Canterbury, N. H.

70532 **Margaret of Green Hill Farm**
Sire *Orso* 21702. Dam *St. Amant of Lewison's Frances* 26435.
Born July 16, 1916. B. and O.: G. K. Coffin, Machias, Maine.

70533 **Marian of Green Hill Farm**
Sire *Orso* 21702. Dam *St. Amant of Lewison's Gold Mine* 44163.
Born Aug. 29, 1916. B. and O.: G. K. Coffin, Machias, Maine.

70534 **Betts Lady of Oakdale Farms**
Sire *Proud King of Anna Dean Farm* 27286. Dam *Princess Utopia* 47480.
Born July 1, 1916. B.: August H. Vogel, Milwaukee, Wis. O.: Tom F. Betts, Eagle, Wis.

70535 **Rosina's Dagmar**
Sire *Imp. Governor of Myrtle Place* 15114. Dam *Rosina of Annandale* 20070.
Born Aug. 25, 1913. B. and O.: Buell Bros., Lake Geneva, Wis.

70536 **Roselle of Harriton**
Sire *Dairymaid's Choice of Harriton* 19606. Dam *Rosa of Mapleton 3d* 30796.
Born April 6, 1916. B. and O.: Mary M. Vaux, Bryn Mawr, Pa.

70537 **Lady Gold of Bellview**
Sire *Levi Lad* 28584. Dam *Josephine Gold* 36804.
Born July 12, 1916. Twin with cow No. 70538. B.: L. N. Oakes, North Adams, Mass. O.: F. B. Buckley, Valley Falls, N. Y.

70538 **Miss Gold of Bellview**
Sire *Levi Lad* 28584. Dam *Josephine Gold* 36804.
Born July 12, 1916. Twin with cow No. 70537. B.: L. N. Oakes, North Adams, Mass. O.: F. B. Buckley, Valley Falls, N. Y.

70539 **Georgetta**
Sire *William White* 37455. Dam *Alice Myers* 56502.
Born July 23, 1916. B. and O.: J. W. Hartman, Sligo, Pa.

70540 **Girlie of the Snowdrops**
Sire *Imp. Lemon's Franc* 29129. Dam *Snowdrop's Beauty* 57220.
Born Oct. 8, 1916. B. and O.: Julius Marten, Eau Claire, Wis.

70541 **Blenda's Lily**
Sire *Imp. Lemon's Franc* 29129. Dam *Imp. Blenda of Sarnia* 46571.
Born July 20, 1916. B. and O.: Emil Marten, Eau Claire, Wis.

70542 **Maggie's Helen Louise**
Sire *Charmante's Golden Secret* 27408. Dam *Imp. Maggie II. of the Foulon* 31710.
Born Aug. 14, 1916. B.: Arthur N. Cooley, Pittsfield, Mass. O.: N. R. Jones, Billerica, Mass.

70543 **Elsie's Beth of Westlook**
Sire *Beau Regal* 13448. Dam *Elsie of the Glen* 24272.
Born Dec. 15, 1916. B.: H. A. C. Taylor, Newport, R. I. O.: Zebina B. Davis, New Bedford, Mass.

70544 **Pearl of Maple Springs Farm**
Sire *Cornella's Sequel* 30643. Dam *Spot's Beauty* 57820.
Born Sept. 18, 1916. B. and O.: O. E. Moul, Hanover, Pa.

70545 **Mineola's Pig**
Sire *Imp. Morven's Beauty's Renown* 12743. Dam *Mineola of Doylestown* 22156.
Born Aug. 19, 1916. B. and O.: A. R. Scott, Richmond, Va.

70546 **Hazel's Hope**
Sire *Imp. Morven's Beauty's Renown* 12743. Dam *Hazel of Pine Grove Farm* 21715.
Born Sept. 6, 1916. B. and O.: A. R. Scott, Richmond, Va.

70547 **Pudge's Surprise**
Sire *Imp. Morven's Beauty's Renown* 12743. Dam *Pudge of Fairview* 48832.
Born Sept. 20, 1916. B. and O.: A. R. Scott, Richmond, Va.

70548 **Joanna's Pet of Brookside**
Sire *Imp. Conqueror of Edgewater* 21245. Dam *Joanna of Tonydale* 43292.
Born Dec. 11, 1916. B.: Charles H. Toan, Perry, N. Y. O.: M. I. Wellman, Pavilion, N. Y.

70549 **Jacinto**
Sire *Golden Noble of Pine Grove* 18668. Dam *Lucile of the Branch* 39966.
Born Oct. 15, 1916. B.: Greer Bros., Newbury, Vt. O.: F. H. Quimby, East Barnet, Vt.

70550 **September Belle**
Sire *Paul of Broadford* 16860. Dam *Virginia Belle* 29615.
Born Sept. 7, 1916. B.: C. A. Sherwood, Hilliards, Ohio. O.: John R. Briggs, Briggsdale, Ohio.

70551 **Paulina Fresco**
Sire *Dida's Fresco* 23084. Dam *Duchess Paulina* 22308.
Born Nov. 24, 1916. B. and O.: Kenneth Price, Middletown, Del.

70552 **Jennet B.**
Sire *Miss Goldenrod's Pat* 32855. Dam *Miss Hazel B., the Queen of Stockbridge* 31368.
Born Nov. 17, 1916. B. and O.: John Bast, Malone, Wis.

70553 **Governa of Lily Lake**
Sire *Raymond's Governor of Elmview* 25290. Dam *Kersey 3d* 31235.
Born Nov. 27, 1914. B. and O.: J. B. Corser, Dalton, Pa.

70554 **Pride of Lily Lake**
Sire *Raymond's Governor of Elmview* 25290. Dam *Kersey 2d* 26974.
Born March 2, 1915. B. and O.: J. B. Corser, Dalton, Pa.

70555 **Cherry Blossom of Allerton**
Sire *Fanny's Raymond* 23074. Dam *Lady Blossom of Allerton* 48218.
Born June 18, 1916. B. and O.: Henry Kriess, Butler, Pa.

70556 **Prudence of Cedarcrest**
Sire *Imp. Franc of Meadowbrook* 27667. Dam *Countess of Cedarcrest* 59036.
Born Oct. 12, 1916. Twin with cow No. 70557. B. and O.: Frank M. Donohue, New Brunswick, N. J.

70557 **Nancy of Cedarcrest**
Sire *Imp. Franc of Meadowbrook* 27667. Dam *Countess of Cedarcrest* 59036.
Born Oct. 12, 1916. Twin with cow No. 70556. B. and O.: Frank M. Donohue, New Brunswick, N. J.

70558 **Ella of Cedarcrest**
Sire *Imp. Franc of Meadowbrook* 27667. Dam *Princess of Cedarcrest* 59037.
Born Dec. 16, 1916. B. and O.: Frank M. Donohue, New Brunswick, N. J.

70559 **Belle Corbin of Lake View**
Sire *Corbin of Hickory Grove* 37523. Dam *Belle Lauder* 29732.
Born Dec. 20, 1916. B. and O.: George W. Graham, Roberts, Wis.

70560 **Olive of Cedar Hill**
Sire *Imp. May King of Arbolist* 24604. Dam *Katie of Cedar Hill* 46518.
Born Nov. 4, 1916. B. and O.: Nelson Y. Dungan, Somerville, N. J.

70561 **Tulip's Betty**
Sire *Duke of Maple Farm* 21086. Dam *Rockingham's Tulip* 44819.
Born July 18, 1916. B.: E. H. Campbell & Son, Salem, Ohio. O.: F. G. Bowman, Elkton, Ohio.

70562 **R. G. June**
Sire *Wilda's Sequel* 33771. Dam *Galaxy's Lillian of Greenville* 57261.
Born June 20, 1916. B. and O.: Robert Grimm, Hartstown, Pa.

70563 **Sophia's Lily Rose of Avondale**
Sire *Halcyon Sequel* 22326. Dam *Princess Sophia* 52451.
Born Aug. 2, 1916. B. and O.: R. J. Palmer, Detroit, Mich.

70564 **Miss Jane of Lakeside**
Sire *May Rose Secret of Pencoyd* 27844. Dam *Imp. Miss Florrie of Edgewater* 60477.
Born July 9, 1916. B.: F. G. Benham, Canandaigua, N. Y. O.: A. C. Skutt, Morton, N. Y.

70565 **King Pretor's Rose of Lakeside**
Sire *Ingleside King Pretor* 29171. Dam *Rose of Oak Hill Farm* 44612.
Born Oct. 3, 1916. B. and O.: March & McGrew, Dassel, Minn.

70566 **Milkmaid's Flower**
Sire *Imp. Reformer of Albecq* 26949. Dam *Imp. Archer's Milkmaid IV.* 53730.
Born June 25, 1916. B. and O.: Sherman T. Cooper, Chicago, Ill.

70567 **Daisy of County Line**
Sire *Pride's King* 21278. Dam *Fairy Queen of Forest Lodge* 27692.
Born March 2, 1916. B. and O.: Theo A. Strande, Taylor, Wis.

70568 **Cronie's Dewdrop**
Sire *Imp. Cornwallis* 25789. Dam *Cronie* 24853.
Born July 26, 1916. B. and O.: George L. Reed, Craftsbury, Vt.

70569 **Morningside Infanta**
Sire *Saint de Maude* 27593. Dam *Ramauda* 55520.
Born Dec. 15, 1914. B. and O.: Fred W. Card, Sylvania, Pa.

70570 **Lenlomena**
Sire *Masher's Lenfestey* 26382. Dam *Phyllomena of Morningside* 42690.
Born Nov. 4, 1915. B. and O.: Fred W. Card, Sylvania, Pa.

70571 **Ella Charmonte 2d**
Sire *Prince Garbutt* 17454. Dam *Ella Charmonte* 43685.
Born Feb. 5, 1916. B. and O.: William Rawlings, Sandersville, Ga.

70572 **Worleska**
Sire *Prince Garbutt* 17454. Dam *Grace Charmonte* 43687.
Born Oct. 1, 1916. B. and O.: William Rawlings, Sandersville, Ga.

70573 **Hallie Charmonte of Ferncrest**
Sire *Garbutt's Beauty* 17455. Dam *Bessie Charmonte* 36892.
Born Nov. 24, 1911. B. and O.: William Rawlings, Sandersville, Ga.

70574 **Replica's Lady**
Sire *Bob Rilma of Clover Hill* 34543. Dam *Imp. Sequel's Replica III.* 28760.
Born June 30, 1916. B. and O.: Floyd Southard, Ira, N. Y.

70575 **Southwick Rosa Lee**
Sire *Southwick May King* 33207. Dam *Southwick Roslie* 50039.
Born July 7, 1916. B. and O.: W. R. Dunlop, Fayetteville, N. Y.

70576 **Daisy Fern of Old Orchard**
Sire *Moonlight King of Anna Dean Farm* 29586. Dam *Agnes Fern's Daisy* 54291.
Born May 9, 1916. B. and O.: J. J. Thompson, Lisbon, N. Y.

70577 **Dora's Moon of Old Orchard**
Sire *Moonlight King of Anna Dean Farm* 29586. Dam *Agnes Fern's Dora* 54290.
Born May 9, 1916. B. and O.: J. J. Thompson, Lisbon, N. Y.

70578 **Dairy Moon of Old Orchard**
Sire *Moonlight King of Anna Dean Farm* 29586. Dam *Old Orchard's Nina* 54294.
Born May 10, 1916. B. and O.: J. J. Thompson, Lisbon, N. Y.

70579 **Dixey Moon of Old Orchard**
Sire *Moonlight King of Anna Dean Farm* 29586. Dam *Old Orchard's Jewel* 54295.
Born May 29, 1916. B. and O.: J. J. Thompson, Lisbon, N. Y.

70580 **Darby Moon of Old Orchard**
Sire *Moonlight King of Anna Dean Farm* 29586. Dam *Miss Standard* 54708.
Born May 30, 1916. B. and O.: J. J. Thompson, Lisbon, N. Y.

70581 **Moonlight's Memory Queen**
Sire *Moonlight King of Anna Dean Farm* 29586. Dam *Memory Queen* 54293.
Born Aug. 19, 1916. B. and O.: J. J. Thompson, Lisbon, N. Y.

70582 **Heartsease of Sunnyside**
Sire *Glen Auric of Pinehurst* 13175. Dam *Grace of Sunnyside* 45242.
Born Dec. 15, 1915. B. and O.: Lee S. Clymer, Riegelsville, Pa.

70583 **May Rose of Island Farm**
Sire *Beda's May King* 11893. Dam *Golden Sally O. D.* 44379.
Born Sept. 30, 1916. B.: Delaware College, Newark, Del. O.: G. G. Hartley, Duluth, Minn.

70584 **Island's May Rose Lassie**
Sire *Gold Lassie's Julian* 27704. Dam *May Rose of Meadowbrook* 25770.
Born Oct. 2, 1916. B. and O.: G. G. Hartley, Duluth, Minn.

70585 **Wyebrook Holly**
Sire *Apollo of Rich Neck* 27937. Dam *Heartsease of Rich Neck 2d* 49308.
Born Jan. 6, 1917. B.: H. H. Pearson, Jr., Claiborne, Md. O.: Est. H. H. Pearson, Jr., Claiborne, Md.

70586 **Canterbury Bell of Ewing**
Sire *Imp. Ravenscroft Coronation* 25173. Dam *Imp. Violet II. des Videclins* 39452.
Born July 30, 1916. B. and O.: F. W. Roebling, Trenton, N. J.

70587 **Countess Helene of Ewing**
Sire *Apollo of Rich Neck* 27937. Dam *Fern of Rich Neck* 54991.
Born Aug. 21, 1916. B.: H. H. Pearson, Jr., Claiborne, Md. O.: F. W. Roebling, Trenton, N. J.

70588 **Good Hope of Ewing**
Sire *Oakland of Ewing* 30978. Dam *Imp. Bon Espoir of the Héchet* 39737.
Born Aug. 22, 1916. B. and O.: F. W. Roebling, Trenton, N. J.

70589 **Elmpines Sophie**
Sire *Elmpines Saren* 31244. Dam *Sari of Elmpines* 51290.
Born Sept. 23, 1916. B. and O.: J. G. Sherman, Greenwich, N. Y.

70590 **Beauty's Jessie**
Sire *Buttercup's Lord Mar* 23592. Dam *Betty's Beauty* 46648.
Born June 23, 1916. B. and O.: Charles Aldrich, Buffalo, Minn.

70591 **Imp. Pride's Hurel Daisy**
Sire On Guernsey *Polly's Pride* (R. G. A. S. 2974 P. S.)
Dam *Imp. Daisy du Hurel II.* 68709.
Born Oct. 24, 1916. Imp. in dam. B.: G. S. De La Mare, Island of Guernsey. O.: Frederick Phillips, Villa Nova, Pa.

70592 **Imp. Fairy Duchess of the Manor**
Sire *Imp. Prince of la Croisée* 40950. Dam *Imp. Fairy Duchess* 68650.
Born Oct. 25, 1916. Imp. in dam. B.: Frederick Phillips, Island of Guernsey. O.: Frederick Phillips, Villa Nova, Pa.

70593 **Imp. Pride's Daisy of the Manor**
Sire *Imp. Prince of la Croisée* 40950. Dam *Imp. Pride's Daisy of Frie Bâton* 68657.
Born Nov. 13, 1916. Imp. in dam. B.: Frederick Phillips, Island of Guernsey. O.: Frederick Phillips, Villa Nova, Pa.

70594 **Imp. Belle of Woodland**
Sire *Imp. Flower Boy of the Cloture* 41131. Dam *Imp. Mahy's Fan* 65745.
Born July 22, 1916. Imp. in dam. B.: Charles Kitts, Island of Guernsey. O.: H. M. Tilford, Monroe, N. Y.

70595 **Dolly of Woodland**
Sire *Royal Highness of Onunda* 27544. Dam *Trink's Blue Belle 2d* 38601.
Born Sept. 30, 1916. B. and O.: H. M. Tilford, Monroe, N. Y.

70596 **Prunella of Woodland**
Sire *Royal Highness of Onunda* 27544. Dam *Ballet Queen of Gayhead* 49116.
Born Oct. 18, 1916. B. and O.: H. M. Tilford, Monroe, N. Y.

70597 **Imp. Denella of Woodland**
Sire *Goldfinch* (2755 E. G. H. B.) Dam *Imp. England's Gazelle* 65675.
Born Oct. 20, 1916. Imp. in dam. B.: E. A. Fitzroy, England. O.: H. M. Tilford, Monroe, N. Y.

70598 **Arlene Buckley**
Sire *Governor Bell* 16799. Dam *Demoline Buckley* 44040.
Born July 30, 1916. B. and O.: Irving W. Bates, East Barre, Vt.

70599 **Esther C. Buckley**
Sire *Governor Bell* 16799. Dam *Mollie Buckley* 32224.
Born Oct. 15, 1916. B. and O.: Irving W. Bates, East Barre, Vt.

70600 **Murdena Buckley**
Sire *Governor Bell* 16799. Dam *Cornelia Buckley* 32697.
Born Nov. 24, 1916. B. and O.: Irving W. Bates, East Barre, Vt.

70601 **Pauline H. May**
Sire *Twinkle's Anchor* 34660. Dam *Christine B. May* 49650.
Born Aug. 13, 1916. B.: Irving W. Bates, East Barre, Vt. O.: Ira L. Holden, Northfield, Vt.

70602 **Island Milvia Starlight 2d**
Sire *Joy of Home's Julian* 30188. Dam *Island Milvia Starlight* 60945.
Born Jan. 8, 1917. B. and O.: G. G. Hartley, Duluth, Minn.

70603 **Princess Bonnie of Mount Pleasant's Jannie**
Sire *Royal Kirk* 7917. Dam *Princess Bonnie of Mount Pleasant* 24615.
Born Aug. 6, 1916. B. and O.: G. W. Shaffer, Greensburg, Pa.

70604 **Rose of Bath**
Sire *Corinna White 2d's May Rose King* 16495. Dam *Pet of La Grange* 34791.
Born Nov. 9, 1916. B. and O.: J. M. Sumner, Akron, Ohio.

70605 **Viola of Bath**
Sire *Corinna White 2d's May Rose King* 16495. Dam *Viola of Homestead 2d* 18976.
Born Nov. 17, 1916. B. and O.: J. M. Sumner, Akron, Ohio.

70606 **Marcus Glenwood's Lady May**
Sire *Marcus Glenwood* 13593. Dam *Lady Allen* 24655.
Born Sept. 1, 1916. B. and O.: Grant M. Enlow, Fairfield, Iowa.

70607 **Langwater Phyllis**
Sire *Langwater Fashion* 23660. Dam *Langwater Faithful* 39949.
Born May 15, 1915. B. and O.: F. L. Ames, North Easton, Mass.

70608 **Imp. Alta King's Rosey**
Sire On Guernsey *Governor's King's Prize* (R. G. A. S. 3473 P. S.)
Dam *Imp. Carrel's Rosey* 67008.
Born Nov. 21, 1916. Imp. in dam. B.: A. Best, Island of Guernsey. O.: Palo Alto Stock Farm, Palo Alto, Cal.

70609 **Jubilina's Lilly**
Sire *King Masher 11th* 24685. Dam *Imp. Jubilina of Sunnyside II.* 47177.
Born June 25, 1916. B. and O.: William D. Sharrett, Bristow, Va.

70610 **Fanny B.**
Sire *Golden Noble's Pride of Windermere* 28378. Dam *Fanny Bush of Windermere* 51019.
Born Aug. 26, 1916. B.: J. K. Blatchford, Watervliet, Mich. O.: Hunter Bros., Niles, Mich.

70611 **May Oweenee**
Sire *Rufus Oweenee* 30119. Dam *Patsy of Oakwood* 44522.
Born June 21, 1916. B. and O.: J. H. Epps, Jonesboro, Tenn.

70612 **Queen of Pinemead**
Sire *Donnington Sequel of Chestnut Hill* 31617. Dam *Voliska* 23947.
Born July 20, 1916. B. and O.: Curtis & Hartsock, Cardington, Ohio.

70613 **Cinderella of Fairbanks**
Sire *Masherette's King of the May* 25298. Dam *Beulah's Buttercup* 46828.
Born June 15, 1916. B. and O.: Oscar Holm, Tigerton, Wis.

70614 **Margaret of Charleston**
Sire *Lawrence of Riverside* 30390. Dam *Mar's Princess* 38988.
Born Sept. 10, 1915. B. and O.: C. C. Goss, Brownsville, Pa.

70615 **Mary of Charleston**
Sire *Lawrence of Riverside* 30390. Dam *Minnie of Charleston* 56577.
Born Oct. 30, 1916. B. and O.: C. C. Goss, Brownsville, Pa.

70616 **Willow'S Fleurie Girl**
Sire *Princessa Glenwood's May King of Ingleside* 19646. Dam *Imp. Fleurie of the Baissières V.* 48953.
Born May 12, 1916. B. and O.: H. H. Snavely, Willow Street, Pa.

70617 **Cricket of Arnott**
Sire *Carlton of Hilly Beach* 19284. Dam *Cricket of Pomeroy* 25623.
Born Jan. 5, 1916. B.: A. B. English, Albert Lea, Minn. O.: J. Arnbal & Soren J. Sorensen, Albert Lea, Minn.

70618 **Maple Hill Farm's Queen**
Sire *May King's Vrangue of Ingleside* 15430. Dam *Gypsy Queen of Maple Heights* 47329.
Born June 29, 1916. B. and O.: Fruit Bros., Waukesha, Wis.

70619 **Pearl of Dooleyville**
Sire *Dorothy's Robert of Oakdale* 31951. Dam *Amaryllis of Fairy Falls* 48622.
Born May 23, 1916. B. and O.: Herman Differt, Jordan, Minn.

70620 **Vern Bethleen**
Sire *Foulon Raymond of Meadowsweet* 17256. Dam *Bethabare 2d's Daughter* 45131.
Born June 15, 1916. B. and O.: E. D. Benjamin, Kingsley, Pa.

70621 **Fern Bethabare**
Sire *Golden of Island Field Farm* 28083. Dam *Bethabare 2d's Pride* 59652.
Born July 5, 1916. B. and O.: E. D. Benjamin, Kingsley, Pa.

70622 **Harriet of Sunnyside**
Sire *Harriet's King of Chestnut Hill* 20180. Dam *Imp. Princess of les Martins* 17894.
Born June 10, 1916. B. and O.: John Ditch, Alliance, Ohio.

70623 **Yeksa Snowdrop of Washington**
Sire *All Yeksa* 21287. Dam *Imp. Snowdrop of Linwood* 51571.
Born Sept. 13, 1916. B. and O.: M. J. Kimmes, Hastings, Minn.

70624 **May of Marshan**
Sire *All Yeksa* 21287. Dam *Imp. May of City View* 54972.
Born Oct. 16, 1916. Twin with cow No. 70625. B. and O.: M. J. Kimmes, Hastings, Minn.

70625 **Yeksa May of Washington**
Sire *All Yeksa* 21287. Dam *Imp. May of City View* 54972.
Born Oct. 16, 1916. Twin with cow No. 70624. B. and O.: M. J. Kimmes, Hastings, Minn.

70626 **Betsy Ann of Elkton**
Sire *Wilmer B. of Elkton* 23960. Dam *Betsy Blossom of Elkton* 50559.
Born July 4, 1916. B. and O.: Randall W. Miller, Elkton, Md.

70627 **Peg of the Clos à Jâon**
Sire *Raymond of Wildwood* 27096. Dam *Imp. Fanny of the Clos à Jâon* 50375.
Born June 3, 1916. B. and O.: M. X. Geske, McGregor, Iowa.

70628 **Boyd's Merry Maid**
Sire *Lord Mar II.'s Jupiter* 20785. Dam *Golden Daisy of Friendship Hill* 40191.
Born Aug. 5, 1916. B. and O.: C. M. Wilkey, Connellsville, Pa.

70629 **Issabee of Wallbridge**
Sire *Leontes of Somerset* 22022. Dam *Justoria* 28010.
Born Sept. 7, 1916. B. and O.: Vincent Phelps, Newburgh, N. Y.

70630 **Lady Yeksa**
Sire *Maude Yeksa's Leader of Beechwood* 30042. Dam *Lady Tusko* 51054.
Born July 20, 1916. B. and O.: R. S. Eyster, Beloit, Ohio.

70631 **Blanche of Lone Oak**
Sire *Robin Hood of Lone Oak* 21522. Dam *Kathryn of Le Bocage* 57312.
Born July 9, 1916. B.: Jerry Shetler, Bolivar, Ohio. O.: A. B. Hoobler, East Sparta, Ohio.

70632 **Delight's Garnet**
Sire *Alfreda's Coral* 16625. Dam *Belvidere's Delight* 39068.
Born July 5, 1916. B. and O.: Albert Schlawin, Cochrane, Wis.

70633 **Deronda's Fern**
Sire *Alfreda's Coral* 16625. Dam *Deronda's Daughter* 25409.
Born Aug. 2, 1916. B. and O.: Albert Schlawin, Cochrane, Wis.

70634 **Selma of Farm View**
Sire *Pardette of Maple Grove* 23296. Dam *Natoma Selma* 23118.
Born June 19, 1916. B.: George A. Kreutzer, Athens, Wis. O.: George L. Rietz, Athens, Wis.

70635 **Bell Buoy's Golden May Rose of City View**
Sire *Bell Buoy of Linda Vista* 19430. Dam *Golden Rose of Grenwode* 39964.
Born Feb. 14, 1915. B. and O.: O. R. Schwalen, Roberts, Wis.

70636 **Lady Greenwood 2d**
Sire *Hero of Linwood* 31267. Dam *Lady Greenwood* 55071.
Born June 22, 1916. B. and O.: Albert Liebzeit, Greenwood, Wis.

70637 **Lillie of Sheboygan Falls 2d**
Sire *Hero of Linwood* 31267. Dam *Lillie of Sheboygan Falls* 39256.
Born June 29, 1916. B. and O.: Albert Liebzeit, Greenwood, Wis.

70638 **Rozette of Fairview**
Sire *Mr. Colonel of Woodvale* 30001. Dam *Lizette of Nelcroft* 48478.
Born July 9, 1916. B. and O.: C. T. Coply, Sharon Center, Ohio.

70639 **Yeksa Daisy of Maplewood**
Sire *Imp. Brilliant Butterboy of the Grée* 31957. Dam *Yeksa Fern* 54198.
Born June 24, 1916. B. and O.: Aaron H. Ehlers, Farmington, Minn.

70640 **May of Maplewood**
Sire *Kolen Sir Duke* 21462. Dam *Yeksa Ella* 46234.
Born Aug. 20, 1916. B. and O.: Aaron H. Ehlers, Farmington, Minn.

70641 **Victoria Stella**
Sire *Solitaire's Dean* 21387. Dam *Victoria Sunbeam 2d* 29934.
Born July 18, 1916. B. and O.: W. P. Hosterman, Spring Mills, Pa.

70642 **Gentle Beauty's Marie**
Sire *Solitaire's Dean* 21387. Dam *Gentle Beauty* 39592.
Born Oct. 13, 1916. B. and O.: W. P. Hosterman, Spring Mills, Pa.

70643 **Toots of Clover Meadow**
Sire *Folly's Prince of Clover Meadow* 33854. Dam *Princess Catrin of Clover Meadow* 51675.
Born June 29, 1916. B. and O.: F. E. Daniels, Fort Atkinson, Wis.

70644 **June's Silver Maid**
Sire *Donnington of Avonlea* 21035. Dam *June Daisy of Bakerstown* 40974.
Born Sept. 27, 1916. B. and O.: Clarence Shepard, Valencia, Pa.

70645 **Governor's Queen**
Sire *Gabriel's Governor* 34165. Dam *Golden Beauty's Maggie* 57784.
Born July 4, 1916. B. and O.: Herbert E. Coffin, Berwick, Maine.

70646 **Ariel's Brilliant Primrose**
Sire *Lohier's Raider of Waddington* 29314. Dam *Imp. Primrose V. du Pont* 61271.
Born Aug. 4, 1916. B.: F. S. Peer, Cranford, N. J. O.: Ariel Mitchelson, Tariffville, Conn.

70647 **Spott B.**
Sire *Imp. Raymond IV.'s Monica* 20053. Dam *Jennie B. of Charlton* 32984.
Born Nov. 20, 1914. B.: Joseph L. Cuddeback, Seneca Falls, N. Y. O.: Grover C. Brown, Seneca Falls, N. Y.

70648 **Buttercup's Pride of Arrow Farm**
Sire *Fantine's Prince of Arrow Farm* 32457. Dam *Queen Buttercup* 37667.
Born June 5, 1916. B. and O.: John S. Petteys, Greenwich, N. Y.

70649 **Cherry's Pride of Arrow Farm**
Sire *Fantine's Prince of Arrow Farm* 32457. Dam *Questa's Pride of Arrow Farm* 54843.
Born Nov. 1, 1916. B. and O.: John S. Petteys, Greenwich, N. Y.

70650 **Reputation's Princess**
Sire *Fanny's Reputation* 21648. Dam *Denmark Queen* 52103.
Born Oct. 15, 1916. B. and O.: H. P. Andersen & Son, Denmark, Wis.

70651 **Royal Princess Juliana**
Sire *Fanny's Reputation* 21648. Dam *Imp. Princess Juliana of Les Vesquesses* 31685.
Born Nov. 13, 1916. B. and O.: H. P. Andersen & Son, Denmark, Wis.

70652 **Sequel's Lou of Xenia**
Sire *Salina's Sequel* 22301. Dam *King's Lady Lou* 26611.
Born Sept. 15, 1916. B. and O.: J. W. Billmyre, Xenia, Ohio.

70653 **Primana of Meadow Lawn**
Sire *Governor Strongheart of Woodend* 29778. Dam *Stranford's Buttercup* 41376.
Born Aug. 6, 1916. B. and O.: Frank Koenen, Kasota, Minn.

70654 **Broad Ripple's Heirloom**
Sire *Dora's Boy of Sunny Valley* 24470. Dam *Imp. Guilmoto's Little Polly II.* 35477.
Born July 28, 1916. B.: Browne & McMillan, Waukesha, Wis. O.: George W. Browne, Waukesha, Wis.

70655 **Ellenwood's Clayton Girl of White Farm**
Sire *Ellenwood Main Stay's Duke of Newport* 21955. Dam *Glenwood's Cleland of White Farm* 46928.
Born July 21, 1916. B. and O.: Harmon D. Newkirk, Clayton, N. J.

70656 **Ellenwood's May Queen of White Farm**
Sire *Ellenwood Main Stay's Duke of Newport* 21955. Dam *Ellenwood's Willing Worker of White Farm* 55172.
Born July 23, 1916. B. and O.: Harmon D. Newkirk, Clayton, N. J.

70657 **Lakeside Stella**
Sire *Haven Boy* 19070. Dam *Lakeside Fanny* 36283.
Born Aug. 9, 1914. B. and O.: Hugo E. Wunsch, Haven, Wis.

70658 **Lakeside Bessie**
Sire *Haven Boy* 19070. Dam *Belle of Haven* 24793.
Born Oct. 30, 1914. B. and O.: Hugo E. Wunsch, Haven, Wis.

70659 **Arba of Lakeside**
Sire *Haven Boy* 19070. Dam *Belle of Haven* 24793.
Born July 29, 1916. B. and O.: Hugo E. Wunsch, Haven, Wis.

70660 **Albinia's Sequel's Nancy**
Sire *Albinia's Sequel* 31664. Dam *Imp. Annie Laurie of Ore Hill* 52261.
Born Dec. 3, 1916. B. and O.: N. McConachie, Perham, Minn.

70661 **Latarda**
Sire *Lily's May King* 31554. Dam *Tardy* 56139.
Born Dec. 6, 1916. B.: Martin T. Allwardt, Yorkville, Ill. O.: P. T. Peterson, Medford, Wis.

70662 **Gwen's Butter Queen**
Sire *Francis of Beechwood* 12248. Dam *Gwen of Crest View* 30755.
Born Oct. 11, 1916. B. and O.: M. G. Eberlein, Shawano, Wis.

70663 **Sunset's Glory of Wildwood**
Sire *Francis of Beechwood* 12248. Dam *Glen Rose's Sunset* 54480.
Born Dec. 15, 1916. B. and O.: M. G. Eberlein, Shawano, Wis.

70664 **Wildwood Dairymaid Queen**
Sire *Francis of Beechwood* 12248. Dam *Yolanda Rose* 28996.
Born Dec. 23, 1916. B. and O.: F. A. & M. G. Eberlein, Shawano, Wis.

70665 **Arvilla's Queen of Wildwood**
Sire *Francis of Beechwood* 12248. Dam *Arvilla Anne* 28995.
Born Jan. 1, 1917. B. and O.: F. A. & M. G. Eberlein, Shawano, Wis.

70666 **Wildwood Bonnie Lass**
Sire *Francis of Beechwood* 12248. Dam *Venora* 31458.
Born Jan. 1, 1917. B. and O.: M. G. Eberlein, Shawano, Wis.

70667 **Hope Hart of Walnut Row**
Sire *Major of Oaklands* 15211. Dam *Mary Hart of Woodend* 16362.
Born Jan. 2, 1915. B. and O.: O. H. Johnson, Willmar, Minn.

70668 **Aric's Gustana**
Sire *Auricula's Billy* 28323. Dam *Tangray of Meadowbrook* 19169.
Born Dec. 6, 1916. B. and O.: A. A. Frauenheim, Sharpsburg, Pa.

70669 **Princess of East View 2d**
Sire *Shady Lawn's King* 21311. Dam *Princess of East View* 54329.
Born April 14, 1916. B. and O.: Willard Carpenter, Woodhull, N. Y.

70670 **Anton's Criterion Rose**
Sire *Anton's May King* 27387. Dam *Criterion's Fawn Lily of Bellview* 59760.
Born Dec. 5, 1916. B.: Delaware College, Newark, Del. O.: Howard P. Sadtler, Baltimore, Md.

70671 **Bertha of La Plaisance**
Sire *William of La Plaisance* 33642. Dam *Laureline Bell* 37249.
Born Oct. 20, 1915. B. and O.: B. S. Knapp, Monroe, Mich.

70672 **Lilly of La Plaisance**
Sire *Sequel's Governor of Oakhurst* 19572. Dam *Queen of La Plaisance* 57871.
Born March 25, 1916. B. and O.: B. S. Knapp, Monroe, Mich.

70673 **Jane of La Plaisance**
Sire *William of La Plaisance* 33642. Dam *Babe of La Plaisance* 57870.
Born July 29, 1916. B. and O.: B. S. Knapp, Monroe, Mich.

70674 **Lawton's College Queen of Riverside**
Sire *College Lord* 14589. Dam *Lawton's Queen of Virginia* 27932.
Born July 30, 1916. B. and O.: Willis Hall & Son, Blissfield, Mich.

70675 **College Artie of Riverside**
Sire *College Lord* 14589. Dam *Artie of Elmhurst* 28130.
Born Aug. 2, 1916. B. and O.: Willis Hall & Son, Blissfield, Mich.

70676 **Hall's Queen of Riverside**
Sire *College Lord* 14589. Dam *Lawton's Queen* 28899.
Born Sept. 25, 1916. B. and O.: Willis Hall & Son, Blissfield, Mich.

70677 **College Gussie of Riverside**
Sire *College Lord* 14589. Dam *Gussie of Elmhurst* 28129.
Born Dec. 25, 1916. B. and O.: Willis Hall & Son, Blissfield, Mich.

70678 **Raider's Lady of Maple Grove**
Sire *Marshall's Raider of Waddington* 30271. Dam *Virginia of Maple Grove* 48602.
Born Sept. 1, 1916. B. and O.: E. S. VanKirk, Newfield, N. Y.

70679 **Nancy de Aurora**
Sire *Ben Raymond of Spring Water* 28179. Dam *Imp. Nancy of the Ponchez II.* 36377.
Born Jan. 1, 1917. B. and O.: J. H. Girdwood, Henderson, Mich.

70680 **Agnes of Hillanddale**
Sire *St. Austell May King* 29199. Dam *Imp. Colima III. of the Paysans* 32064.
Born Oct. 14, 1916. B. and O.: C. R. Musser, Muscatine, Iowa.

70681 **Bess of Hillanddale**
Sire *St. Austell May King* 29199. Dam *Rose of Hillanddale* 56690.
Born Dec. 1, 1916. B. and O.: C. R. Musser, Muscatine, Iowa.

70682 **Lady of Lopez**
Sire *Sammamish Chief* 26473. Dam *Elf of Hope Farm* 46180.
Born Jan. 16, 1917. B. and O.: H. A. Wright, Seattle, Wash.

70683 **East Feliciana's Queen**
Sire *Masher's Beda* 20650. Dam *Camisole of Chestnut Hill* 37330.
Born Dec. 21, 1916. B. and O.: East Louisiana Hospital for the Insane, Jackson, La.

70684 **Orchis of Greenway 4th**
Sire *Imp. France's Jewel XI.* 13383. Dam *Orchis of Greenway* 20727.
Born Dec. 19, 1916. B. and O.: H. G. Cheney, South Manchester, Conn.

70685 **Kip's Eta of Greenway**
Sire *Oakland Maynard* 27682. Dam *Kip of Greenway* 38223.
Born Jan. 12, 1917. B. and O.: H. G. Cheney, South Manchester, Conn.

70686 **Lady of Mountain View Farm**
Sire *Floris Jewel* 25550. Dam *Glenwood of Herndon* 48626.
Born Sept. 12, 1916. B. and O.: M. K. Stroud, Herndon, Va.

70687 **Blossy's Little Floe**
Sire *Imp. Golden Hero of Beauregard* 30666. Dam *Imp. Blossy of the Caillioterie* 53625.
Born Dec. 2, 1916. B. and O.: Curtis H. Lindley, San Francisco, Cal.

70688 **Nellie Crowe**
Sire *Lassie's King of Maple Hill* 30648. Dam *Cora of Oak Hill* 26201.
Born Dec. 14, 1916. B. and O.: John Crowe, Dassel, Minn.

70689 **Sylvia's Coralie of Rock Springs**
Sire *Royal Duke of Inverness* 21576. Dam *Sylvia of Rock Springs* 46184.
Born July 14, 1916. B. and O.: N. P. Gettys, Lugoff, S. C.

70690 **Rose's Rosalie of Rock Springs**
Sire *Royal Duke of Inverness* 21576. Dam *Rose McGregor* 22208.
Born Aug. 2, 1916. B. and O.: N. P. Gettys, Lugoff, S. C.

70691 **Sheba of Westholm**
Sire *Gistana's Spotted Dimple* 28036. Dam *Westholm Belle* 49434.
Born July 22, 1916. B. and O.: W. W. Holmes, Waterbury, Conn.

70692 **Aurelia of Westholm**
Sire *Johnnie Dimple 2d* 28034. Dam *Gistana's Octavia of Orleton* 34553.
Born July 24, 1916. B. and O.: W. W. Holmes, Waterbury, Conn.

70693 **Escalon Lady**
Sire *Don Adonis of Linda Vista* 20616. Dam *Linda's Princess of Maple Lane* 32196.
Born Aug. 7, 1916. B. and O.: A. B. Humphrey, Escalon, Cal.

70694 **Nulisha Bloom of Pleasant View**
Sire *Billy's Teddy* 25797. Dam *Veda Bloom* 45276.
Born Feb. 23, 1915. B. and O.: John Dale, Monongahela, Pa.

70695 **Fairlee Maid**
Sire *Governor Dick of Lone Pine* 22367. Dam *Imp. Chaperon of Sarnia* 50472.
Born Jan. 15, 1917. B. and O.: M. W. Perry, Algoma, Wis.

70696 **Royal Jeweler of Holton**
Sire *Rhea's May King* 25474. Dam *Dorothy of Sitka* 55521.
Born July 20, 1916. B. and O.: A. J. Nash, Holton, Mich.

70697 **Beauty's May of Sitka**
Sire *Rhea's May King* 25474. Dam *Bonnie's Beauty of Sitka* 26457.
Born Dec. 11, 1914. B. and O.: George N. Crawford, Holton, Mich.

70698 **Rose of Sunrise Farm**
Sire *Masher of Linwood* 24381. Dam *Imp. Flora of Ore Hill* 48093.
Born July 25, 1915. B. and O.: Charles Rundell, Livingston, Wis.

70699 **Violet of Sunrise Farm**
Sire *Du Port's Chantecler* 23535. Dam *Imp. Jessie of Ore Hill* 48093.
Born June 20, 1916. B. and O.: Charles Rundell, Livingston, Wis.

70700 **Neysa Chêne of Wa-Wa-Yandah**
Sire *Imp. DeWitt's Governor of the Chêne* 16448. Dam *Imp. Grandeur III. de la Hure* 31686.
Born Sept. 5, 1916. B. and O.: Fred Cady & Sons, Sennett, N. Y.

70701 **Cord's Tulip of Wa-Wa-Yandah**
Sire *Goldcord of Maple Glen* 29656. Dam *Tulip du Pont Chêne* 42492.
Born Oct. 10, 1916. B. and O.: Fred Cady & Sons, Sennett, N. Y.

70702 **Buttercup of Evening Shade**
Sire *Imp. Waddington Durbar* 31454. Dam *Daisy Paysans of Edgewater* 34242.
Born Dec. 21, 1916. B. and O.: Thomas B. Whinnery, Adena, Ohio.

70703 **Lily of Kirkside**
Sire *Miss Luetta's Standard* 21091. Dam *Imo of Kirkside* 25687.
Born July 11, 1916. B. and O.: E. P. Ripley, Santa Barbara, Cal.

70704 **Beauty's Mabel Butterfly**
Sire *Mota's Gay Lad* 18469. Dam *Imp. Beauty of the Bailloterie* 26653.
Born July 4, 1916. B.: Frank Reed Sanders, Mesa, Ariz. O.: A. H. & D. J. Brewster, Buckeye, Ariz.

70705 **Eleanor's Star**
Sire *Prince of Colbydale* 18142. Dam *Eleanor of Rochester* 41894.
Born July 9, 1916. B. and O.: Charles Peterson, Gilbert, Ariz.

70706 **Princess Pearl**
Sire *Prince of Colbydale* 18142. Dam *Princess Eleanor* 55381.
Born July 23, 1916. B. and O.: Charles Peterson, Gilbert, Ariz.

70707 **Fern of Sennett County Farm**
Sire *Tubby of C. I. F. S.* 26436. Dam *Fern of Seneca* 49648.
Born June 9, 1916. B.: Grover C. Brown, Seneca Falls, N. Y. O.: Arthur L. Smith, Auburn, N. Y.

70708 **Dotsy of Oakwood**
Sire *Rosette's Marshall* 12236. Dam *Daisy of Waddington* 24555.
Born July 29, 1916. B. and O.: W. Henry Bell, Scotts Station, Ky.

70709 **Montpelier Bessy**
Sire *Hazel's Golden Bob* 24824. Dam *Montpelier Beauty* 20238.
Born Aug. 8, 1916. B. and O.: Edward Zeitler, Luxembourg, Wis.

70710 **Montpelier Ruth**
Sire *Hazel's Golden Bob* 24824. Dam *Montpelier Bloom* 38948.
Born Aug. 30, 1916. B. and O.: Edward Zeitler, Luxembourg, Wis.

70711 **Fern Wood of Whitford**
Sire *Nord of Pencoyd* 14428. Dam *Fern Wood's Queen* 29796.
Born Nov. 30, 1912. B. and O.: Martha G. Thomas & Anna Thomas Howell, Whitford, Pa.

70712 **Arbutus of Whitford 2d**
Sire *Auric Glenwood* 21402. Dam *Arbutus of Whitford* 42451.
Born July 27, 1916. B. and O.: Martha G. Thomas & Anna Thomas Howell, Whitford, Pa.

70713 **Ann of Whitford**
Sire *Auric Glenwood* 21402. Dam *Topsy's Fern Wood 3d* 29802.
Born July 23, 1916. B. and O.: Martha G. Thomas & Anna Thomas Howell, Whitford, Pa.

70714 **Lady Molly of Clover Leaf Stock Farm**
Sire *Belle's Atmore of Greene* 30827. Dam *Imp. Why Not of Jerbourg* 44586.
Born Aug. 2, 1916. B. and O.: Oliver N. Rose, Greene, Maine.

70715 **Maiden of Forest Hill**
Sire *Brinsabaresco* 20505. Dam *Golden Noble's Maiden* 37932.
Born Dec. 15, 1915. B. and O.: Charles E. Ingersoll, Penllyn, Pa.

70716 **Princess of Forest Hill**
Sire *Brinsabaresco* 20505. Dam *Golden Noble's Maiden* 37932.
Born Dec. 22, 1916. B. and O.: Charles E. Ingersoll, Penllyn, Pa.

70717 **Minerva of Forest Hill**
Sire *Brinsabaresco* 20505. Dam *Minerva of Ellenwood* 34682.
Born Dec. 25, 1916. B. and O.: Charles E. Ingersoll, Penllyn, Pa.

70718 **Miowera's Princess**
Sire *Victor's Glenwood of Pencoyd* 27308. Dam *Miowera* 24287.
Born Oct. 24, 1916. B. and O.: I. Irwin Wells, Spring City, Pa.

70719 **Matha Ninitta of Bellmath**
Sire *Selma's Main Stay's Son* 23585. Dam *Ninitta of Bellmath* 31361.
Born July 26, 1916. B. and O.: H. C. Crocker & Son, Sennett, N. Y.

70720 **Ilma of Bellmath**
Sire *Selma's Main Stay's Son* 23585. Dam *Eileen of Bellmath* 34772.
Born Aug. 6, 1916. B. and O.: H. C. Crocker & Son, Sennett, N. Y.

70721 **Radium Girl of Bellmath**
Sire *Selma's Main Stay's Son* 23585. Dam *Lleda of Bellmath* 28193.
Born Aug. 20, 1916. B. and O.: H. C. Crocker & Son, Sennett, N. Y.

70722 **Sukie of Spring Brook**
Sire *Glenwood Boy of Willow Grove* 21385. Dam *Countess Agnes* 44071.
Born Oct. 1, 1916. B. and O.: W. D. Pattee, Waupun, Wis.

70723 **Felicia of New Castle**
Sire *Kid of Bedford School* 32603. Dam *Manoa's May* 42765.
Born Jan. 3, 1917. B. and O.: Winthrop Cowdin, Mount Kisco, N. Y.

70724 **Molly of Elmdale**
Sire *Joe Armstrong* 17644. Dam *Sweet Lily's Duchess of Spring Lake* 32642.
Born Sept. 6, 1916. B.: H. W. Walker, Clear Lake, Wis. O.: W. H. Scott, Clear Lake, Wis.

70725 **Zura**
Sire *King Archer* 23835. Dam *Vandy D.* 49323.
Born July 31, 1916. B. and O.: W. J. Dawson, La Crosse, Wis.

70726 **Pansy of Sunrise Farm**
Sire *Du Port's Chantecler* 23535. Dam *Imp. Flora of Ore Hill* 48093.
Born July 22, 1916. B. and O.: Charles Rundell, Livingston, Wis.

70727 **Isabelle of Millville**
Sire *Bourlet* 42259. Dam *Queen of Mortlake* 28083.
Born March 30, 1915. B.: F. R. Bennett, Concord, N. H. O.: Eben B. Chesley, Concord, N. H.

70728 **Fredia May of Millville**
Sire *Thalia Quartz Anchor* 42119. Dam *Pride of Millville* 57728.
Born Oct. 19, 1915. B. and O.: Eben B. Chesley, Concord, N. H.

70729 **Flora May of Millville**
Sire *Pinkerton of Concord* 21710. Dam *Pride of Osborne Hill 3d* 25214.
Born Dec. 29, 1915. B. and O.: Eben B. Chesley, Concord, N. H.

70730 **Primrose of Millville**
Sire *Thalia Quartz Anchor* 42119. Dam *Queen of Mortlake* 28083.
Born April 19, 1916. B. and O.: Eben B. Chesley, Concord, N. H.

70731 **Lily Bell of Millville**
Sire *Thalia Quartz Anchor* 42119. Dam *Lily Bell of Canterbury 7th* 29045.
Born Dec. 14, 1916. B. and O.: Eben B. Chesley, Concord, N. H.

70732 **Diana of the Maples**
Sire *Esther's Rival of Poplar Grove* 16136. Dam *Elizabeth of Waldemere* 26751.
Born March 18, 1913. B. and O.: J. Stanley Harry, Bel Air, Md.

70733 **Masher's Sadie**
Sire *Masher of Maple Glen* 26455. Dam *Sadie of Follyland* 49396.
Born May 15, 1916. B. and O.: F. E. Woodruff, Binghamton, N. Y.

70734 **Arbutus of Walnut Glens**
Sire *Queen's Squire of Walnut Glens* 29854. Dam *Squire's Beauty of Walnut Glens* 52245.
Born March 8, 1916. B. and O.: R. D. Gates, Novelty, Ohio.

70735 **Little Belle of Walnut Glens**
Sire *Walnut Glens Teddy* 31066. Dam *Squire's Sunbeam of Walnut Glens* 56106.
Born April 26, 1916. B. and O.: R. D. Gates, Novelty, Ohio.

70736 **Belinda of Walnut Glens**
Sire *Baubigny's Squire of Keewaydin* 21834. Dam *Betty Spencer* 29279.
Born Aug. 15, 1916. B. and O.: R. D. Gates, Novelty, Ohio.

70737 **Phoebe of Walnut Glens**
Sire *Baubigny's Squire of Keewaydin* 21834. Dam *Beatrice of Walnut Glens* 38967.
Born Aug. 23, 1916. B. and O.: R. D. Gates, Novelty, Ohio.

70738 **Cerealia**
Sire *Emperor of Longview* 31197. Dam *Cohera* 58007.
Born Dec. 13, 1916. B. and O.: F. H. Quimby, East Barnet, Vt.

70739 **Adaleigh**
Sire *Emperor of Longview* 31197. Dam *Twinkle's Petite* 38935.
Born Dec. 29, 1916. B. and O.: F. H. Quimby, East Barnet, Vt.

70740 **Dahlia of Kildare**
Sire *Leander of Harriton* 22871. Dam *Dahlia of Oak Hill* 47382.
Born Oct. 26, 1916. B. and O.: Lucian E. Massey, Millington, Md.

70741 **Pride of Day's Granddaughter 2d**
Sire *Leander of Harriton* 22871. Dam *Pride of Day's Granddaughter* 49561.
Born Nov. 7, 1916. B. and O.: R. Bruce Massey, Millington, Md.

70742 **Alice of Upton Pyne 2d**
Sire *Prince Leda* 22458. Dam *Alice of Upton Pyne* 26489.
Born Nov. 27, 1916. B. and O.: R. V. Lindabury, Bernardsville, N. J.

70743 **Lady Fern of Maple Hill**
Sire *Marcantonio* 31284. Dam *Etola of Von Don* 36561.
Born Sept. 16, 1916. B. and O.: Alfred Hilton, St. Albans, Maine.

70744 **Polly Anna of Wildwood**
Sire *Wildwood Ne Plus Ultra* 29752. Dam *Sylph's Pride of Wildwood* 51070.
Born June 30, 1916. B. and O.: H. C. Adams, Algona, Iowa.

70745 **Mildred May**
Sire *Naomi's King of Maple Hill Farm* 24426. Dam *Vista's Lynette* 33364.
Born Aug. 12, 1916. B. and O.: J. W. Carnagey, Belton, Mo.

70746 **Ohio Rosebud 2d's Beauty**
Sire *Broadford's Pride* 28352. Dam *Ohio Rosebud 2d* 31156.
Born Nov. 7, 1916. B.: Miss Mary E. Hess, Columbus, Ohio. O.: Clayton Shriver, Linworth, Ohio.

70747 **Tricksey's Goldie**
Sire *Golden Glow's Diamond* 38717. Dam *Little Tricksey* 39876.
Born May 1, 1916. B. and O.: Samuel Vorhes & Son, Springfield, Ill.

70748 **Princess Natalie of Linda Vista**
Sire *Imp. Itchen Red Raider* 27342. Dam *Country Maiden 2d* 24994.
Born Dec. 12, 1916. B. and O.: Louis E. P. Smith, Holliston, Mass.

70749 **Princess Christine of Linda Vista**
Sire *Imp. Itchen Red Raider* 27342. Dam *Comely Rose* 17292.
Born Dec. 17, 1916. B. and O.: Louis E. P. Smith, Holliston, Mass.

70750 **Golden Cross Elsie of Linda Vista**
Sire *Imp. Itchen Red Raider* 27342. Dam *Donna May Dalila of Linda Vista* 42569.
Born Jan. 15, 1917. B. and O.: Louis E. P. Smith, Holliston, Mass.

70751 **Glenwood's Jenny 2d**
Sire *Fanny's Raynold* 29238. Dam *Glenwood's Jenny* 40282.
Born June 5, 1916. B. and O.: J. D. McAllister, Green Bay, Wis.

70752 **Lina of Rossbourg**
Sire *Procida's Masher* 16691. Dam *Elfleda of Haddon* 36575.
Born Aug. 9, 1916. B. and O.: Maryland Agricultural Experiment Station, College Park, Md.

70753 **Lottie Gold**
Sire *Levi Lad* 28584. Dam *Lucy Ladd* 50142.
Born Aug. 26, 1916. B. and O.: Lewis Norman Oakes, North Adams, Mass.

70754 **Harmony of Paxtang 2d**
Sire *Bonnie Boy of Locust Lane* 27912. Dam *Harmony of Paxtang* 24694.
Born Feb. 3, 1916. B. and O.: I. S. Wilhelm, Harrisburg, Pa.

70755 **Herzliebe of Paxtang**
Sire *Bonnie Boy of Locust Lane* 27912. Dam *Peg O' My Heart of Paxtang* 48173.
Born April 10, 1916. B. and O.: I. S. Wilhelm, Harrisburg, Pa.

70756 **Etude of Paxtang**
Sire *Bonnie Boy of Locust Lane* 27912. Dam *Serenade of Paxtang* 51502.
Born April 23, 1916. B. and O.: I. S. Wilhelm, Harrisburg, Pa.

70757 **Castello's Daughter's Girl**
Sire *Imp. Mabel's Diamond of Koshkonong Place* 20184. Dam *Castello's Daughter* 25452.
Born Aug. 2, 1916. B. and O.: S. D. Williams, Vinton, Iowa.

70758 **McKerrow's Lady Mildred**
Sire *Champion of Linwood* 22765. Dam *Lady Mildred* 27050.
Born May 28, 1916. B.: Crouch Bros., Hartland, Wis. O.: George McKerrow & Sons Co., Pewaukee, Wis.

70759 **Flora of Fahrnwald**
Sire *Dairymaid's Glenwood of Pinehurst 3d* 26948. Dam *Fernwood's Listo* 44927.
Born Sept. 13, 1916. B.: Rundell Bros., Livingston, Wis. O.: E. C. Fahrney, Oshkosh, Wis.

70760 **Susanna of Stratford**
Sire *Stratford's Count* 31440. Dam *Harriette of Stratford* 55909.
Born July 18, 1916. B. and O.: Edwin F. Meyer, Roselle, Ill.

70761 **Alice of Stratford**
Sire *Glenwood's Combination 5th* 11354. Dam *Princess R. of Mount-Joy* 33577.
Born Nov. 7, 1916. B. and O.: Edwin F. Meyer, Roselle, Ill.

70762 **Beulah of Goldenrod**
Sire *Glen of Arcady* 14292. Dam *Imp. Beatrice of Sarnia* 38111.
Born July 24, 1916. B. and O.: C. W. Greenfield, Chicago, Ill.

70763 **Lake Grove Lucretia**
Sire *Von Don Falco* 34214. Dam *June's Buttercup* 33291.
Born Nov. 3, 1916. B. and O.: Frank O. Sawtelle, Farmington, Maine.

70764 **Wealthy of Thorn Hill**
Sire *Victor of Pencoyd* 18901. Dam *Imp. Richesse VII. of the Duveaux* 28542.
Born Aug. 24, 1916. B. and O.: August Ziesing, Deerfield, Ill.

70765 **Elizabeth of Thorn Hill**
Sire *Victor of Pencoyd* 18901. Dam *Margie's Bess* 27467.
Born Sept. 8, 1916. B. and O.: August Ziesing, Deerfield, Ill.

70766 **Katherine of Thorn Hill**
Sire *Dairymaid's Rouge of Iowa* 24845. Dam *Royal's Flower of Thorn Hill* 41655.
Born Sept. 15, 1916. B. and O.: August Ziesing, Deerfield, Ill.

70767 **Victor's Tinkle of Thorn Hill**
Sire *Victor of Pencoyd* 18901. Dam *Jewel's Tinkle of Thorn Hill* 38280.
Born Sept. 28, 1916. B. and O.: August Ziesing, Deerfield, Ill.

70768 **Hera of Thorn Hill**
Sire *Dairymaid's Rouge of Iowa* 24845. Dam *Besly Farm Juno 2d* 24037.
Born Oct. 9, 1916. B. and O.: August Ziesing, Deerfield, Ill.

70769 **Flossie of Nashville**
Sire *Fancy of State Line Farm* 26166. Dam *Deborah of Orchard Hill* 21193.
Born Sept. 7, 1916. B. and O.: Smith & Holcomb, Farmdale, Ohio.

70770 **Bess of Northland**
Sire *King Bell 2d* 22277. Dam *Suffragette of Annandale* 40939.
Born April 26, 1914. B.: Ray Lewis, West Salem, Wis. O.: W. J. Wrolstad, Northland, Wis.

70771 **Daisy of Northland**
Sire *Olaf of Scan* 24435. Dam *Suffragette of Annandale* 40939.
Born Aug. 30, 1916. B. and O.: W. J. Wrolstad, Northland, Wis.

70772 **August Flower of Clover Hill**
Sire *Noble of France* 20429. Dam *Glenwood's Bonnie* 24950.
Born Aug. 2, 1916. B. and O.: Floyd Southard, Ira, N. Y.

70773 **Isabel of Clover Hill**
Sire *Noble of France* 20429. Dam *Glenwood's Bonnie of Clover Hill* 45038.
Born Aug. 22, 1916. B. and O.: Floyd Southard, Ira, N. Y.

70774 **Peggy of Clover Hill**
Sire *Noble of France* 20429. Dam *Glenwood Girl of Clover Hill* 51682.
Born Oct. 8, 1916. B. and O.: Floyd Southard, Ira, N. Y.

70775 **Rilma's Queen of Clover Hill**
Sire *Noble of France* 20429. Dam *Auricula's Rilma of Clover Hill* 54647.
Born Oct. 8, 1916. B. and O.: Floyd Southard, Ira, N. Y.

70776 **Columbus's Flavia of Oak Ridge**
Sire *Aimable's Columbus of Oak Ridge* 26945. Dam *Alderney's Flavia of Oak Ridge* 50933.
Born Sept. 15, 1916. B. and O.: Thomas F. Ryan, Oak Ridge, Va.

70777 **Columbus's Pearl of Oak Ridge**
Sire *Aimable's Columbus of Oak Ridge* 26945. Dam *Lenore's Pearl of Oak Ridge* 47778.
Born Dec. 2, 1916. B. and O.: Thomas F. Ryan, Oak Ridge, Va.

70778 **Alderney's Daisy of Oak Ridge**
Sire *Lady Alderney II.'s Sequel* 22123. Dam *Imp. Daisy Moon V.* 34248.
Born Dec. 23, 1916. B. and O.: Thomas F. Ryan, Oak Ridge, Va.

70779 **Idun of Valhalla**
Sire *Lady Alderney II.'s Sequel* 22123. Dam *Imp. Fanny of the Baissières* 34257.
Born Nov. 22, 1916. B. and O.: Thomas F. Ryan, Oak Ridge, Va.

70780 **Gemsey's Oneida of Burkeville**
Sire *Imp. Aimable of the Isle* 18373. Dam *Glenwood's Gemsey of Oak Ridge* 47636.
Born May 6, 1916. B.: Thomas F. Ryan, Oak Ridge, Va. O.: Boswell & Ingham, Burkeville, Va.

70781 **Burkeville Guernsey Belle**
Sire *Aimable's Columbus of Oak Ridge* 26945. Dam *Itchen Belle of Oak Ridge* 47774.
Born Aug. 7, 1916. B.: Thomas F. Ryan, Oak Ridge, Va. O.: Boswell & Ingham, Burkeville, Va.

70782 **St. Croix Amneris**
Sire *Imp. Governor of St. Croix* 26358. Dam *Lucy A.* 36128.
Born Aug. 31, 1916. B. and O.: Lloyd Rundell, Roberts, Wis.

70783 **Fawn Beauty**
Sire *Imp. Honoria's Sequel III.* 31079. Dam *Imp. Miriam II. of the Grands Courtils* 54469.
Born July 3, 1916. B. and O.: B. L. Rundell, Hammond, Wis.

70784 **Comfort's Fawn**
Sire *Imp. Honoria's Sequel III.* 31079. Dam *Comfort of Alfalfa Farms* 32794.
Born July 5, 1916. B. and O.: B. L. Rundell, Hammond, Wis.

70785 **Wood Ford's Bell Boy's Folly**
Sire *Brandywine Bell Boy 2d* 30616. Dam *Wood Ford's Folly* 53251.
Born Dec. 28, 1916. B. and O.: J. W. Alsop, Avon, Conn.

70786 **Wood Ford's Gaiety**
Sire *Voldino of Greenway* 26685. Dam *Wood Ford's Anita* 26192.
Born April 6, 1915. B. and O.: J. W. Alsop, Avon, Conn.

70787 **Wood Ford's Ray**
Sire *Voldino of Greenway* 26685. Dam *Wood Ford's Lea* 48354.
Born Oct. 13, 1915. B. and O.: J. W. Alsop, Avon, Conn.

70788 **Wood Ford's Constance 2d**
Sire *Voldino of Greenway* 26685. Dam *Wood Ford's Constance* 26193.
Born July 24, 1916. B. and O.: J. W. Alsop, Avon, Conn.

70789 **Nyda of Esker View**
Sire *Charlie G. of Edgewater* 30205. Dam *Cynthia of Esker View* 53392.
Born Aug. 6, 1916. B. and O.: Scott W. Swarts, Springwater, N. Y.

70790 **Maxwell's Thelma**
Sire *Maxwell of Walter Maple* 17930. Dam *Thelma du Braye* 44906.
Born Aug. 10, 1916. B. and O.: Charles Solveson, Nashotah, Wis.

70791 **Ness H. of Chestnut Ridge**
Sire *Chestnut Ridge Burr* 30751. Dam *Ness H.* 49115.
Born Aug. 19, 1916. B. and O.: J. R. Loomis, Jr., Glens Falls, N. Y.

70792 **Lily of the Valley of Breinholm**
Sire *Rob Glenwood* 15220. Dam *Thirza's Surprise of Pleasant Valley* 37958.
Born Sept. 21, 1916. B. and O.: Jens Andersen & Son, Withee, Wis.

70793 **Elm Road Lydia**
Sire *Major Rilma* 18791. Dam *Lyntha* 28777.
Born Sept. 21, 1916. B. and O.: C. E. Tobey, Phillips, Wis.

70794 **Charmante's Hilda**
Sire *Charmante's Rose King 2d* 30844. Dam *Ellenwood's Hilda* 50582.
Born June 18, 1916. B.: Helmuth & Raber, Millersburg, Ohio. O.: Erwin Bros., North Lawrence, Ohio.

70795 **Celestine of Rosemont**
Sire *Regal of Annandale* 17247. Dam *Golden Buttercup* 31533.
Born Nov. 26, 1916. B. and O.: Elizabeth T. Harriman, Berryville, Va.

70796 **Ari-Ce-Na**
Sire *Lamont's Andre* 21236. Dam *Rosemary Beatrice* 31103.
Born Nov. 7, 1915. B. and O.: Wilber Bros., Worcester, N. Y.

70797 **Griselda Flower of the Valley**
Sire *Glenwood's Jeweller's Paul* 15808. Dam *Imp. Flower of the Cloture* 27136.
Born March 25, 1914. B. and O.: W. Woodbridge Dickinson, Saint Joseph, Mich.

70798 **Helene's Princess of Edgewood**
Sire *Edgewood Boy of Bonnymeade* 32422. Dam *Helene of Edgewood* 32856.
Born Nov. 5, 1916. B. and O.: A. Heywood Cary, Gansevoort, N. Y

70799 **Alice of Antrim**
Sire *Antrim* 22223. Dam *Tullia of Concord 2d* 43515.
Born Aug. 19, 1916. B. and O.: John B. Jameson, Antrim, N. H.

70800 **Lady Daphne of Brook Place**
Sire *Zealot of Riverside Farm* 19557. Dam *Lady Ella of Cottage Hill* 55218.
Born Dec. 1, 1916. B. and O.: Louis Evan Shipman, Plainfield, N. H.

70801 **Miss Lilly of East View**
Sire *Sereno* 30392. Dam *Lousetta* 59444.
Born March 23, 1916. Twin with bull. B. and O.: B. D. Phenix, Bradford, Ill.

70802 **Judith of Groton**
Sire *Belle's Prince Harry* 11627. Dam *Betty Martin* 20163.
Born July 10, 1910. B. and O.: James Lawrence, Groton, Mass.

70803 **Clorinda of Groton**
Sire *Belle's Prince Harry* 11627. Dam *Betty Martin* 20163.
Born Sept. 7, 1912. B. and O.: James Lawrence, Groton, Mass.

70804 **Leda of Groton**
Sire *Belle's Prince Harry* 11627. Dam *Hilda of Groton* 19933.
Born Feb. 1, 1913. B. and O.: James Lawrence, Groton, Mass.

70805 **Griselda of Groton**
Sire *Prince Rosendale of Groton* 23550. Dam *Judith of Groton* 70802.
Born May 21, 1915. B. and O.: Est. James Lawrence, Groton, Mass.

70806 **Loretta of Riverdale**
Sire *Prince Rosendale of Groton* 23550. Dam *Clorinda of Groton* 70803.
Born Jan. 29, 1916. B.: Est. James Lawrence, Groton, Mass. O.: F. L. Howes, Groton, Mass.

70807 **Enid of Riverdale**
Sire *Eglah Mystic Boy* 22189. Dam *Judith of Groton* 70802.
Born May 6, 1916. B. and O.: F. L. Howes, Groton, Mass.

70808 **Luetetia of Riverdale**
Sire *Eglah Mystic Boy* 22189. Dam *Leda of Groton* 70804.
Born July 15, 1916. B. and O.: F. L. Howes, Groton, Mass.

70809 **Pansy Bloom of Pleasant Hill**
Sire *Dimple Bloom 8th* 25367. Dam *Dairymaid's Select of Pleasant Hill* 57973.
Born April 30, 1915. B. and O.: Dorsey Bros., West Brownsville, Pa.

70810 **Nora of Maulton**
Sire *Pinehurst Dairymaid's Glenwood* 23067. Dam *Estella of Maulton* 29918.
Born Jan. 1, 1914. B. and O.: E. Maule & Co., West Grove, Pa.

70811 **Lady June of Clover Hill**
Sire *Lord's Golden Duke* 19085. Dam *Lady of Clover Hill* 50227.
Born June 27, 1916. B. and O.: George Einfeldt, Greenwood, Wis.

70812 **Mixter Clita**
Sire *Mixter Wanderer* 37213. Dam *Thirty Thousand Six Hundred Sixty Six* 30666.
Born Sept. 15, 1916. B. and O.: H. E. Wells, Southbridge, Mass.

70813 **Anna May of Valley View**
Sire *Vivian's Rosenmore* 26501. Dam *Millie May* 31518.
Born July 10, 1916. B. and O.: Joseph Hall, Salem, Ohio.

70814 **Criterion's May of Bellview**
Sire *Imp. Roberts' Criterion of Bellview* 26887. Dam *Imp. Galaxy's Nellie* 36355.
Born July 8, 1916. B.: F. B. Buckley, Valley Falls, N. Y. O.: Irvin Buckley, Schaghticoke, N. Y.

70815 **Criterion's Flora of Rockstone**
Sire *Imp. Roberts' Criterion of Bellview* 26887. Dam *Imp. Gretchen of Les Vesquesses* 39640.
Born Aug. 2, 1916. B. and O.: Albert G. Buckley, Valley Falls, N. Y.

70816 **Raymond's Darling of Rockstone**
Sire *Imp. Roberts' Criterion of Bellview* 26887. Dam *Imp. Raymond's Darling* 29400.
Born July 24, 1916. B. and O.: F. B. Buckley, Valley Falls, N. Y.

70817 **Fanny's Criterion of Bellview**
Sire *Imp. Roberts' Criterion of Bellview* 26887. Dam *Fanny's Lady of Bellview* 70021.
Born Aug. 1, 1916. B. and O.: F. B. Buckley, Valley Falls, N. Y.

70818 **Lorna of Smallidge Farm**
Sire *Ezalia's May King* 17089. Dam *Morning Star of Maple Row* 21641.
Born Aug. 10, 1916. B. and O.: E. J. Smallidge, Eau Claire, Mich.

70819 **Belle's Sophia**
Sire *Blanche's Top Gallant* 23389. Dam *Sophia Belle* 64025.
Born Dec. 28, 1916. B. and O.: J. M. Neill, Canonsburg, Pa.

70820 **Countess Victoria's Buttercup**
Sire *Emerita 2d's Son* 16157. Dam *Countess Victoria* 14333.
Born Nov. 16, 1913. B.: Albert C. Loring, Minneapolis, Minn. O.: L. S. Philbrook, Webster, S. Dak.

70821 **Sunbeam of Springbrook Farm**
Sire *Jacqueminot of Linda Vista, Jr.* 30823. Dam *Jack's Nell of Pequea* 49288.
Born Aug. 3, 1916. B.: Le Roy Taylor, Sullivan, Ohio. O.: Emmet Steiner, Orrville, Ohio.

70822 **Spotswood Belle**
Sire *Spotswood Sequel 2d* 31605. Dam *Mayme Belle* 36924.
Born Sept. 28, 1916. B. and O.: H. C. Bradley, Ravenna, Ohio.

70823 **Nimble of Birchwood**
Sire *Imp. Spotswood Masher Sequel* 9687. Dam *Jennie of Birchwood* 39612.
Born July 26, 1916. B. and O.: M. L. Welles, Rosendale, Wis.

70824 **Nubia of Birchwood**
Sire *Glenwood of Marshfield* 21643. Dam *Kindness of Birchwood* 44469.
Born Sept. 21, 1916. B. and O.: M. L. Welles, Rosendale, Wis.

70825 **Nymph of Birchwood**
Sire *Dairymaid's King* 12898. Dam *Imp. Portia of Sarnia* 40676.
Born Sept. 26, 1916. B. and O.: M. L. Welles, Rosendale, Wis.

70826 **Christina of Mountain View**
Sire *Judge of Birchwood* 22505. Dam *Imp. Kathleen of Mountain View* 48548.
Born Aug. 31, 1916. B. and O.: J. B. Van Wagener, Pittsburgh, Pa.

70827 **Edna of Mountain View**
Sire *Judge of Birchwood* 22505. Dam *Golden Hero's Queenie Lass* 38557.
Born Nov. 24, 1916. B. and O.: J. B. Van Wagener, Pittsburgh, Pa.

70828 **Follyland Jubilee**
Sire *Imp. Hayes Royal 3d* 22237. Dam *Valentine of Follyland* 44986.
Born July 18, 1916. B. and O.: I. C. Blandy, Greenwich, N. Y.

70829 **Maidie of Crystal Brook**
Sire *Kalmar* 22106. Dam *Duchess of Wigton* 57968.
Born Dec. 15, 1916. B. and O.: C. L. Darrow, Edinboro, Pa.

70830 **Phoebe's Frances**
Sire *Henry of Hillside Farms* 28606. Dam *Phoebe of Hillside Farms* 34557.
Born July 25, 1916. B. and O.: F. W. King, Charleston, Maine.

70831 **Nobskalette of Long Beach**
Sire *Viscountess' Choice of Harriton* 28657. Dam *Yeoman's Nobskalette* 57188.
Born Aug. 20, 1916. B. and O.: John B. Seitz, Camp Hill, Pa.

70832 **Raider's Sultana of Waddington**
Sire *Imp. Border Raider* 22243. Dam *Sultana of Waddington* 22782.
Born Aug. 14, 1916. B. and O.: E. W. Oglebay, Wheeling, W. Va.

70833 **Noble's Jipsultana of Waddington**
Sire *Imp. Golden Noble of Waddington* 27237. Dam *Raider's Beta Jipsultana of Waddington* 51771.
Born Sept. 27, 1916. B. and O.: E. W. Oglebay, Wheeling, W. Va.

70834 **Raider's Jip of Waddington**
Sire *Imp. Border Raider* 22243. Dam *Jipsultana of Waddington* 34834.
Born Oct. 11, 1916. B. and O.: E. W. Oglebay, Wheeling, W. Va.

70835 **Golden Rosette of Waddington**
Sire *Imp. Golden Noble of Waddington* 27237. Dam *Aimable's Rosette* 29816.
Born Oct. 26, 1916. B. and O.: E. W. Oglebay, Wheeling, W. Va.

70836 **Raider's Imperiale of Waddington**
Sire *Imp. Border Raider* 22243. Dam *Imp. Hayes Imperiale 2d* 23489.
Born Nov. 3, 1916. B. and O.: E. W. Oglebay, Wheeling, W. Va.

70837 **Goldie's Best**
Sire *Rouge's Pride* 20075. Dam *Goldie Row* 38629.
Born Aug. 1, 1916. B. and O.: N. C. Bahnson, Inwood, Iowa.

70838 **Milford's Bell of Inwood**
Sire *Rouge's Pride* 20075. Dam *St. Lassie* 49908.
Born Oct. 15, 1916. B. and O.: N. C. Bahnson, Inwood, Iowa.

70839 **Royalinda**
Sire *Galaxy's Repeater* 32654. Dam *Modern Priscilla* 56582.
Born Aug. 10, 1916. B. and O.: John Halvorson, Rice Lake, Wis.

70840 **Goldie's Buttercup**
Sire *Daisy's Royal Governor* 24288. Dam *Goldie T.* 49971.
Born Aug. 2, 1916. B.: O. M. Whiting, Canisteo, N. Y. O.: S. C. Taylor, Kanona, N. Y.

70841 **Falcon's Silvia**
Sire *Raymond's Pioneer of Lewison* 19103. Dam *Imp. Silvia of Sarnia* 40240.
Born March 18, 1916. B. and O.: B. Austin Cheney, Litchfield, Conn.

70842 **Agatha of Falcon's Flight**
Sire *Prince of Litchfield* 18868. Dam *Banzai's Cream of Wayland* 29714.
Born July 3, 1916. B. and O.: B. Austin Cheney, Litchfield, Conn.

70843 **Prudence of Falcon's Flight**
Sire *Prince of Litchfield* 18868. Dam *Countess Prue* 43785.
Born July 13, 1916. B. and O.: B. Austin Cheney, Litchfield, Conn.

70844 **Candida of Falcon's Flight**
Sire *Raymond's Pioneer of Lewison* 19103. Dam *Imp. Lil III. of the Forgettes* 35760.
Born Aug. 8, 1916. B. and O.: B. Austin Cheney, Litchfield, Conn.

70845 **Amaryllis of Falcon's Flight**
Sire *Prince of Litchfield* 18868. Dam *Sweet Brier of Falcon's Flight* 43239.
Born Aug. 25, 1916. B. and O.: B. Austin Cheney, Litchfield, Conn.

70846 **Angelica of Falcon's Flight**
Sire *Raymond's Pioneer of Lewison* 19103. Dam *Stockbridge Jenny* 33311.
Born Aug. 25, 1916. B. and O.: B. Austin Cheney, Litchfield, Conn.

70847 **Felicity of Falcon's Flight**
Sire *Raymond's Pioneer of Lewison* 19103. Dam *Lettie of Falcon's Flight* 37577.
Born Aug. 30, 1916. B. and O.: B. Austin Cheney, Litchfield, Conn.

70848 **Champion's Tea Rose**
Sire *Glenwood's Champion* 15639. Dam *Imp. Itchen Tea Rose* 41329.
Born March 29, 1916. B.: Myron H. Tichenor, Oconomowoc, Wis. O.: C. A. Dunkelberg, Fort Wayne, Ind.

70849 **Gloryanna**
Sire *Duke of Elder Grove* 26053. Dam *Glory Ella* 41892.
Born Oct. 30, 1916. B. and O.: Samuel Y. Edgerton, Spring Brook, Wis.

70850 **Minnie of Spring Farm**
Sire *Camp's Governor of Keewaydin* 27505. Dam *Veara of Spring Farm* 56084.
Born Aug. 19, 1916. B. and O.: V. C. Miller, Ravenna, Ohio.

70851 **Amalia of Green Lodge**
Sire *Lucullus of Green Lodge* 33422. Dam *Miss Anabelle* 28950.
Born April 21, 1916. B. and O.: Edmund D. Codman, Dedham, Mass.

70852 **Bessie Nee of Graper Dairy**
Dam *Factor of Koshkonong Place* 30583. Dam *Kate Nee* 18837.
Born July 26, 1916. B. and O.: J. E. Graper, Fort Atkinson, Wis.

70853 **Imogene of Warren**
Sire *Chestnut Ridge Buttercup Bob* 26031. Dam *Ann of Warren* 30584.
Born Aug. 1, 1916. B.: F. S. Schade, Transfer, Pa. O.: D. S. King & Son, Beaver Falls, Pa.

70854 **Nory of Walnut Hill Farm**
Sire *Schyler G.* 24248. Dam *Lilly Guernsey* 19535.
Born Aug. 3, 1916. B. and O.: J. S. Walters & A. J. Stutzman, Nappanee, Ind.

70855 **Craigamoor Violet Robilliard**
Sire *Langwater Raritan* 17052. Dam *Imp. Violet IV. of the Grandes Capelles* 26955.
Born Oct. 26, 1916. B. and O.: George C. Cooper, Superior, Wis.

70856 **Irna Pride of Rockmere**
Sire *Alderney of Follyland* 25919. Dam *Georgeannie of King Hill* 50867.
Born Aug. 8, 1916. B.: Clair G. Weeks, Surprise, N. Y. O.: Raymond S. Meddaugh, Acra, N. Y.

70857 **Twin-Pike Tillie**
Sire *Ury of Gwynedd* 22684. Dam *Imp. Polly II. of the Haut Pavé* 39728.
Born Dec. 29, 1915. B. and O.: Davenport Plumer, Three Tuns, Pa.

70858 **Peggie of Chesney Farms**
Sire *Normacot Handsome Rascal* 28220. Dam *Normacot Lady Peggie* 49691.
Born Sept. 8, 1915. B. and O.: O. W. Lehmann, Lake Villa, Ill.

70859 **Hope of Golden Guernsey Farms**
Sire *Golden Noble of Pine Grove* 18668. Dam *Imp. Violet of the Ruette* 39448.
Born Dec. 4, 1916. B.: Greer Bros., Newbury, Vt. O.: Marston Harding, Lexington, Mass.

70860 **Annebell of Golden Guernsey Farms**
Sire *Golden Noble of Pine Grove* 18668. Dam *Eglah* 22944.
Born Dec. 8, 1916. B.: Greer Bros., Newbury, Vt. O.: Marston Harding, Lexington, Mass.

70861 **Elizabeth of Diamond**
Sire *Diamond of Cedar Line* 17678. Dam *Queen Elizabeth Francis* 39112.
Born Aug. 19, 1916. B. and O.: John N. Bennett, Still Pond, Md.

70862 **Queenie of The Forges**
Sire *Raymond's Cambrées Lad of Lewison* 19611. Dam *Imp. Queenie du Grand Bel* 38887.
Born July 22, 1916. B. and O.: Sherman L. Whipple, Plymouth, Mass.

70863 **Wild Rose of The Forges**
Sire *Lady's May King* 19733. Dam *Imp. Jessie IX. of the Vrangue* 35406.
Born Aug. 29, 1916. B.: C. A. Stone, Plymouth, Mass. O.: Sherman L. Whipple, Plymouth, Mass.

70864 **Mable of Union Church**
Sire *Governor Itchen of Chilmark* 29255. Dam *Masher's Jeannette* 52596.
Born Aug. 10, 1916. B. and O.: Frederick Bradt, Delmar, N. Y.

70865 **Marion of Union Church**
Sire *Governor Itchen of Chilmark* 29255. Dam *Raymond's Jeannette of Lewison* 25441.
Born Sept. 28, 1916. B. and O.: Frederick Bradt, Delmar, N. Y.

70866 **Roxie Patterson of Villageside**
Sire *Oriole Bloom of Villageside* 36125. Dam *Lucille of Guernseydale* 52191.
Born July 2, 1916. B. and O.: M. J. Grimes & Bro., Catawissa, Pa.

70867 **Saugerties Lady May**
Sire *Ultra May King* 27600. Dam *Gayhead's Mary* 55510.
Born June 29, 1916. B. and O.: J. O. Winston, Saugerties, N. Y.

70868 **Saugerties May Glory**
Sire *Ultra May King* 27600. Dam *Faucette's Morning Glory* 23446.
Born July 14, 1916. B. and O.: J. O. Winston, Saugerties, N. Y.

70869 **Jessie's Lady**
Sire *Agnes's Glorious* 32630. Dam *Lady Rosealla's Jessie* 47823.
Born Sept. 20, 1916. B. and O.: A. W. Prust, Deerfield, Wis.

70870 **Imp. Alta Ruby**
Sire On Guernsey *Polly's Pride of the Spurs* (R. G. A. S. 3480 P. S.)
Dam *Imp. Ruby II. of the Mourants* 65740.
Born Aug. 25, 1916. Imp. in dam. B.: C. W. Browning, Island of Guernsey. O.: Palo Alto Stock Farm, Palo Alto, Cal.

70871 **Imp. Alta Rosie Havilland**
Sire On Guernsey *Monarch of the Hougue* (R. G. A. S. 3396 P. S.)
Dam *Imp. Rosie of Havilland Vineries* 67006.
Born Aug. 28, 1916. Imp. in dam. B.: W. Mallett, Island of Guernsey. O.: Palo Alto Stock Farm, Palo Alto, Cal.

70872 **Imp. Alta Daisy Moon**
Sire On Guernsey *Golden Noble of the Bourg* (R. G. A. S. 3283 P. S.)
Dam *Imp. Daisy Moon III. of the Bourg* 66984.
Born Sept. 19, 1916. Imp. in dam. B.: Charles Guilbert, Island of Guernsey. O.: Palo Alto Stock Farm, Palo Alto, Cal.

70873 **Upland's Summer Star**
Sire *Florham Monarch* 20771. Dam *Imp. San Toy's Star* 47424.
Born Aug. 10, 1916. B. and O.: F. P. Frazier, Ipswich, Mass.

70874 **Upland's May Rose**
Sire *Tostevin's Lad of Great Hill* 27677. Dam *Princess May of Uplands* 57224.
Born Sept. 1, 1916. B. and O.: F. P. Frazier, Ipswich, Mass.

70875 **Upland's Bijou Lass**
Sire *Tostevin's Lad of Great Hill* 27677. Dam *Imp. Bijou des Frances* 44541.
Born Nov. 25, 1916. B. and O.: F. P. Frazier, Ipswich, Mass.

70876 **Upland's Snowdrop**
Sire *Tostevin's Lad of Great Hill* 27677. Dam *Imp. Snowdrop of Bickleigh* 44569.
Born Jan. 4, 1917. B. and O.: F. P. Frazier, Ipswich, Mass.

70877 **Upland's Dairymaid**
Sire *Dairymaid's Nonpareil of Iowa* 26763. Dam *Imp. Heathfield Mace* 53979.
Born Jan. 15, 1917. B.: W. H. Dupee, Santee, Cal. O.: F. P. Frazier, Ipswich, Mass.

70878 **Suzette's Dolly**
Sire *Westmoreland Select* 27156. Dam *Imp. Suzette of the Isle* 28560.
Born Jan. 13, 1917. B. and O.: David E. Fuller, Ripon, Wis.

70879 **Jane Ayre of Prospect Hill**
Sire *Tony of Bon Ayre* 24838. Dam *Beauty of Chestnut Hill* 24588.
Born June 27, 1916. B. and O.: Alice R. G. Dalbey, Granville, Ohio.

70880 **Cherry's Goldie**
Sire *Golden Daisy Boy* 23807. Dam *Imp. Cherry's Sequel of Linwood* 48794.
Born Aug. 18, 1916. B. and O.: Henry Messerschmidt, Elkhorn, Wis

70881 **Dan Patch's Miriam of Wawa**
Sire *Imp. Dan Patch of the Isle* 21293. Dam *Miriam's Millie* 24049.
Born July 15, 1916. B. and O.: George Wood, Wawa, Pa.

70882 **Lady Fanny Blossom**
Sire *Glenhurst Cornerstone* 27712. Dam *Imp. Sequel's Fanny of the Manor* 32292.
Born March 15, 1916. B. and O.: D. G. Stevenson, Renfrew, Pa.

70883 **Guernsey Queen of Bon Ayre**
Sire *Lord Bonny of Sitka* 34331. Dam *Guernsey Queen of Danby* 48343.
Born July 10, 1916. B. and O.: E. T. Spencer, Portland, Mich.

70884 **Eunice of Bon Ayre**
Sire *Lord Bonny of Sitka* 34331. Dam *Eunice's Cream Cup of Danby* 42290.
Born Aug. 14, 1916. B. and O.: E. T. Spencer, Portland, Mich.

70885 **Grace Berry of Cold Brook Farm**
Sire *College Heirloom* 21171. Dam *Rose of Maple Avenue 2d* 38007.
Born July 28, 1916. B. and O.: Charles H. Berry, Monmouth, Maine.

70886 **England's Rose of Gold's Autumn Leaf**
Sire *Homestead Turk* 25675. Dam *Imp. England's Rose of Gold* 40649.
Born Oct. 1, 1916. B. and O.: W. S. Newman, Jefferson, Ohio.

70887 **Cristine of Mondamin**
Sire *Dimple Bloom 3d* 20837. Dam *Alice R. Crist* 28320.
Born July 23, 1916. B. and O.: Herbert T. Borden, Mickleton, N. J.

70888 **Gold Trinket of Mondamin**
Sire *Langwater Golden Secret 2d* 34481. Dam *Trink of Mondamin* 51531.
Born July 28, 1916. B. and O.: Herbert T. Borden, Mickleton, N. J.

70889 **Nepaul's Spotswood**
Sire *Nepaul* 23330. Dam *Imp. Spotswood Sweet Brier* 18017.
Born Dec. 17, 1915. B. and O.: Lyman Blair, Greenville, Maine.

70890 **Queen of the Falls**
Sire *Janetius's Luecicero* 24627. Dam *Queen of Coventry* 31317.
Born Nov. 7, 1916. B. and O.: W. H. & B. L. Hanchett, Sparta, Wis.

70891 **Dorothy M.**
Sire *Prince Ellis of Lakeview* 19266. Dam *Frances of Cuyuna* 44400.
Born Oct. 1, 1916. B.: Graves & Murphy, Aitkin, Minn. O.: H. G. Miller, Sheyenne, N. Dak.

70892 **Brighteyes of Farview**
Sire *Glen Gable Guy* 18773. Dam *Dimple Bloom's Beauty of Oakwood* 37567.
Born Oct. 2, 1916. B. and O.: C. A. Wright & Son, Canton, Pa.

70893 **September Morn**
Sire *Robiline's Masher* 18821. Dam *Lura Lady* 26902.
Born Sept. 5, 1914. B. and O.: G. A. Wigent, Watervliet, Mich.

70894 **Sequel's Beda**
Sire *Neshaminy Driver* 31930. Dam *Neshaminy Miranda* 58627.
Born Aug. 25, 1916. B.: Est. Theodore M. Wilson, Frankford, Pa. O.: S. I. Murphy, Media, Pa.

70895 **Gracey Glenwood**
Sire *Glenwood of Silverbrook* 23265. Dam *Imp. Gracey of Brookmead* 42491.
Born Aug. 30, 1916. B. and O.: William White, Frazer, Pa.

70896 **Isabelle of Arbor Lawn**
Sire *Glenwood's Autocrat of Haddon* 26966. Dam *Diana of Harriton* 27484.
Born Sept. 4, 1916. B.: Mary M. Vaux, Bryn Mawr, Pa. O.: L. F. Gemberling, Selinsgrove, Pa.

70897 **Mary Rose of Arbor Lawn**
Sire *Miquettito* 27763. Dam *Mary Rose* 41118.
Born Sept. 13, 1916. B. and O.: L. F. Gemberling, Selinsgrove, Pa.

70898 **Amorita's Pride of Pleasant Hill**
Sire *Golden Masher of Chilmark* 27644. Dam *Amorita Daisy* 36836.
Born Dec. 15, 1915. B. and O.: W. H. Chapin, Chippewa Falls, Wis.

70899 **Olsen's Dairymaid of Hillside**
Sire *Olsen Lehigh* 28134. Dam *Duchess Frau of Hillside* 58797.
Born Nov. 29, 1916. B.: W. C. Hill & Wilkins Bros., Platteville, Wis. O.: Wilkins & Hill, Platteville, Wis.

70900 **Rosie's Lady of Hillside**
Sire *Olsen Lehigh* 28134. Dam *Imp. Rosie of St. Croix* 46676.
Born Dec. 1, 1916. B.: W. C. Hill & Wilkins Bros., Platteville, Wis. O.: Wilkins & Hill, Platteville, Wis.

70901 **Ann Maddocks**
Sire *Jewel's Chief* 24429. Dam *Miss Maddocks* 33370.
Born May 25, 1916. B. and O.: Charles M. Whitcomb, Ellsworth Falls, Maine.

70902 **Nicolin Jewel Priscilla**
Sire *Jewel's Chief* 24429. Dam *Nicolin's Priscilla* 40729.
Born Aug. 1, 1916. B. and O.: Charles M. Whitcomb, Ellsworth Falls, Maine.

70903 **Golden Rose of Byfield**
Sire *Pencoyd's Glenwood Boy* 31761. Dam *Eleanor of Byfield* 47217.
Born Dec. 20, 1916. B. and O.: Walter F. Klemm, Malvern, Pa.

70904 **Lady Sara of Locust Hill**
Sire *Langwater Royal 7th* 20632. Dam *Lady Ewell of Locust Hill* 36131.
Born July 31, 1916. B. and O.: Walter T. Morris, Worton, Md.

70905 **Reby Taylor of Mohawk**
Sire *Mohawk of Bide a Wee* 22523. Dam *Reby Taylor* 47489.
Born July 26, 1916. B. and O.: D. J. Schaaf, Bexley Station, Ohio.

70906 **Buttercup of Bexley**
Sire *Mohawk of Bide a Wee* 22523. Dam *Buttercup of Bide a Wee* 44086.
Born Aug. 31, 1916. B. and O.: D. J. Schaaf, Bexley Station, Ohio.

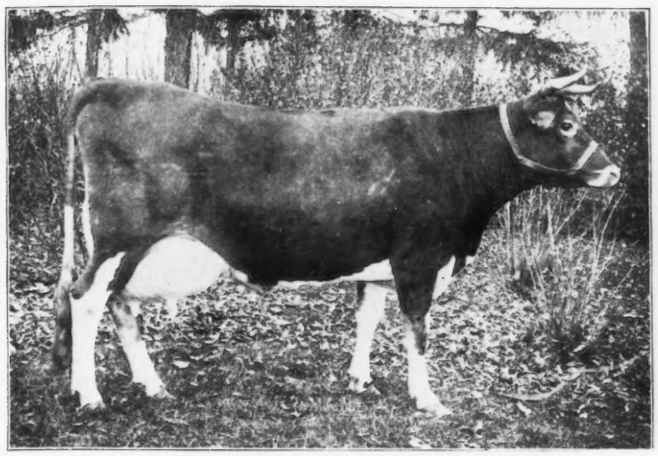
70907 **Wavelet of Bexley**
Sire *Mohawk of Bide a Wee* 22523. Dam *Wavelet of Maple Spring* 44795.
Born Sept. 5, 1916. B. and O.: D. J. Schaaf, Bexley Station, Ohio.

70908 **Messenger of Bexley**
Sire *Mohawk of Bide a Wee* 22523. Dam *Messenger's Fair Lady* 57234.
Born Oct. 6, 1916. B. and O.: D. J. Schaaf, Bexley Station, Ohio.

70909 **Violet of Bexley**
Sire *Mohawk of Bide a Wee* 22523. Dam *Violet of Bide a Wee* 41102.
Born Oct. 29, 1916. B. and O.: D. J. Schaaf, Bexley Station, Ohio.

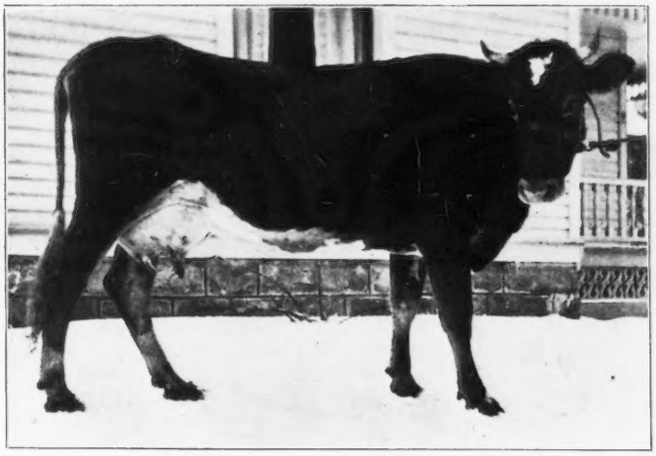
70910 **Lily of Maple Hill**
Sire *Wonder of Maple Hill Farm* 31872. Dam *Maid of Sunny Valley* 20158.
Born Nov. 21, 1916. B. and O.: George W. Kiel, Whitelaw, Wis.

THE ADVANCED REGISTER OF GUERNSEY CATTLE

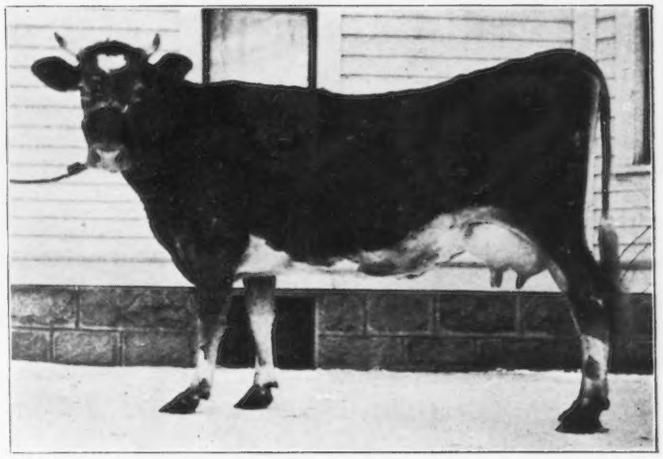


IMP. PRIMROSE OF EDGEWATER 31891
Official year's record: 8507.90 lbs. milk; 413.29 lbs. butter fat.
A. R. 5103

PRINCESS OF HICKORY GROVE 42794
Official year's record: 8780.80 lbs. milk; 420.30 lbs. butter fat.
A. R. 5108

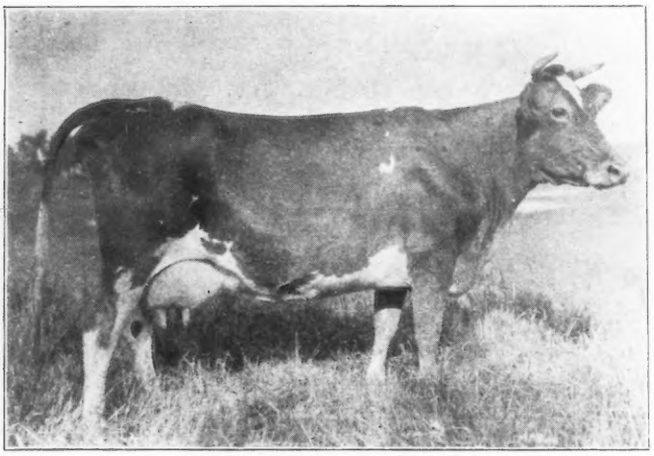


MARCUS GLENWOOD'S ROSETTE 46710
Official year's record: 7541.60 lbs. milk; 355.32 lbs. butter fat.
A. R. 5110

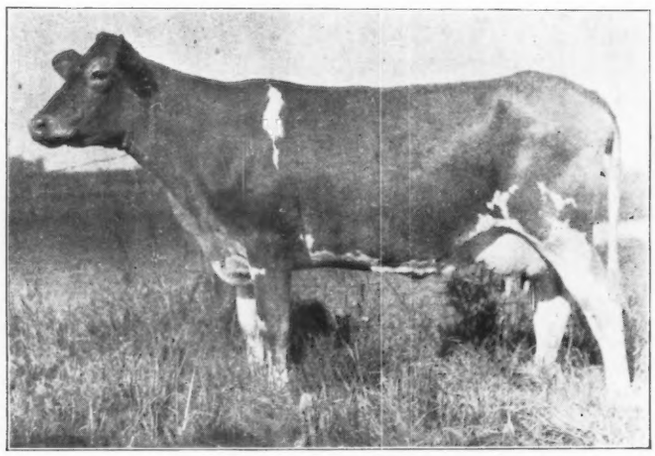


MARCUS GLENWOOD'S DAISY 46712
Official year's record: 5585.20 lbs. milk; 316.33 lbs. butter fat.
A. R. 5111

THE ADVANCED REGISTER OF GUERNSEY CATTLE



QUEEN GRETA 46435
Official year's record: 9823.80 lbs. milk; 582.35 lbs. butter fat.
A. R. 5112

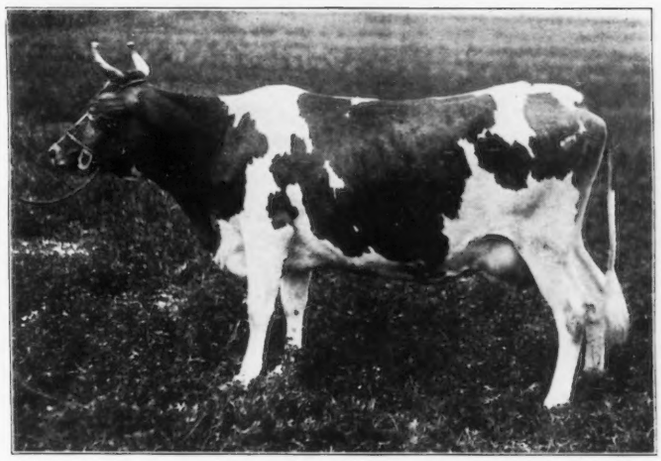


RAYMOND'S TIDY 48811
Official year's record: 8119.00 lbs. milk; 435.63 lbs. butter fat.
A. R. 5113

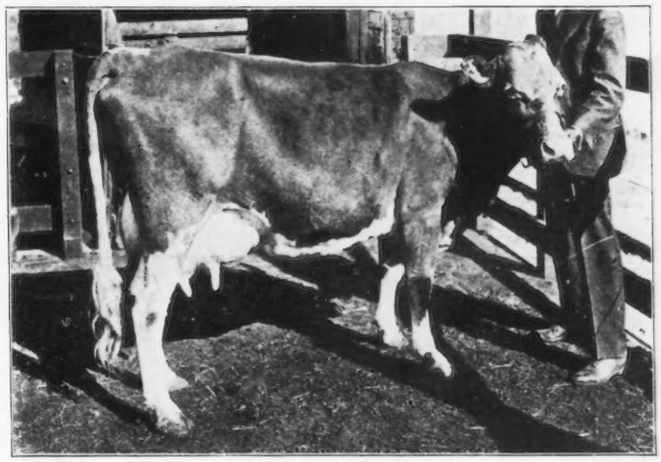
COLUMBINE OF RICH NECK 2d 49307
Official year's record: 10582.70 lbs. milk; 617.23 lbs. butter fat.
A. R. 5114

THE ADVANCED REGISTER OF GUERNSEY CATTLE

NOREEN OF PENCOYD 51036
Official year's record: 7066.50 lbs. milk; 362.88 lbs. butter fat.
A. R. 5115

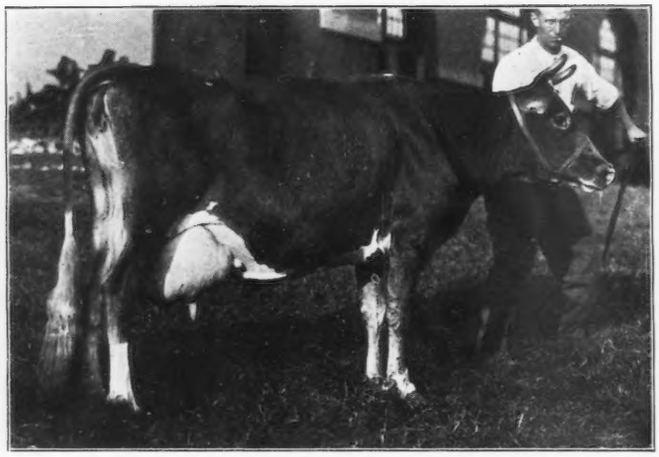


BEGALORE'S ROSEBUD 63265
Official year's record: 9317.60 lbs. milk; 447.70 lbs. butter fat.
A. R. 5125

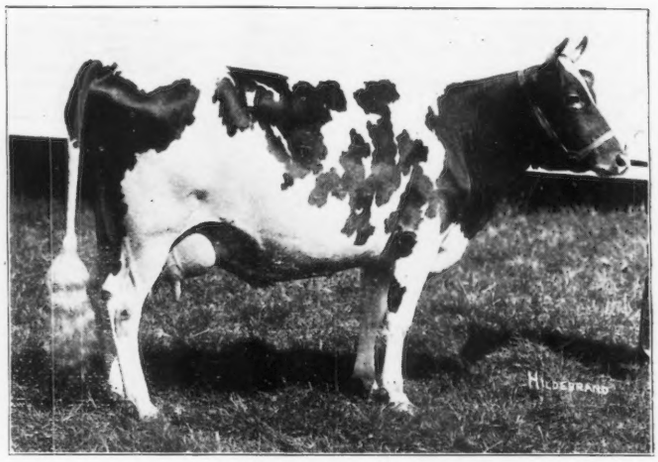


LUCY OF ELKVIEW 41385
Official year's record: 7932.20 lbs. milk; 416.01 lbs. butter fat.
A. R. 5131

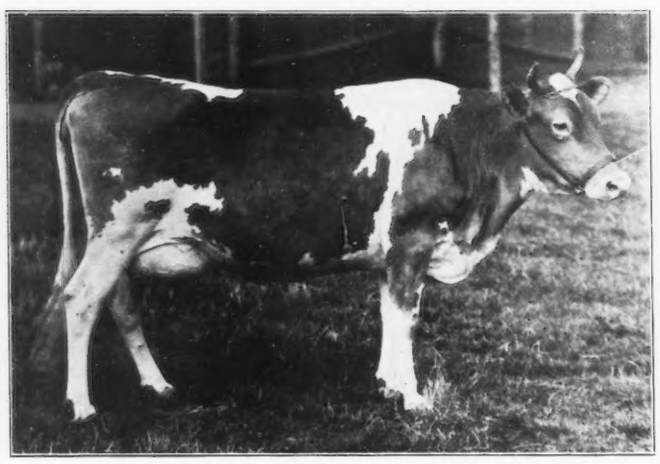
THE ADVANCED REGISTER OF GUERNSEY CATTLE



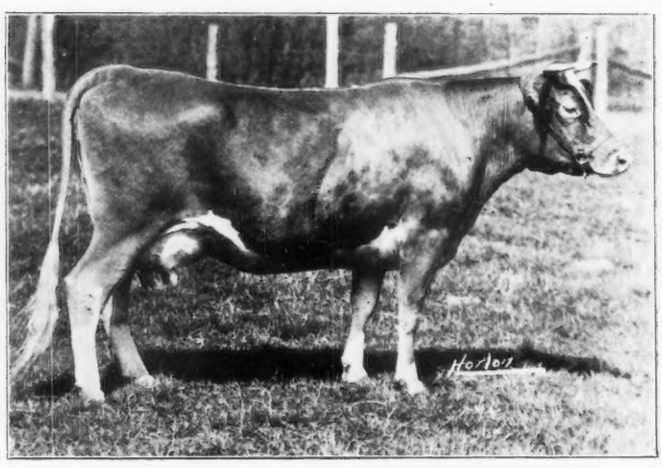
FORESTINE II. 35759
Official year's record: 10496.90 lbs. milk; 451.52 lbs. butter fat.
A. R. 5138



FRANCE'S MASHER'S HONEYMOON'S DAUGHTER 27750
Official year's record: 8965.10 lbs. milk; 464.79 lbs. butter fat.
A. R. 5139



IMP. FANNY OF VALLÉE DU CREUX 40658
Official year's record: 15107.60 lbs. milk; 704.42 lbs. butter fat.
A. R. 5142



IMP. MAID II. OF THE VAUQUIEDOR 45969
Official year's record: 9023.70 lbs. milk; 415.55 lbs. butter fat.
A. R. 5143

5103 Imp. Primrose of Edgewater 31891

Sire Roland R. G. A. S. 346 F. S., A. R.
Sire Mino II. R. G. A. S. 1823 P. S.
Dam Ellida III. R. G. A. S. 3025 F. S.
Dam Imp. Primrose des Prevosts III. 28236 A. R. 1280.
Sire Freedom Sly of the Bordages R. G. A. S. 1758 P. S., A. R.
Dam Primrose des Prevosts R. G. A. S. 2937 F. S.
Breeder Thomas Le Patourel, Island of Guernsey.
Owner Joseph T. Speer, Garrettsville, Ohio.
Born Feb. 19, 1910. *Calved* Sept. 5, 1915.
Served Jan. 25, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised under one day test by Ohio State University, Columbus, Ohio.

Official Year's Record, Class A

		Milk	Butter Fat	
		lbs.	%	lbs.
Sept.	9, 1915,	1028.10	4.15	42.67
Oct.,	"	1298.30	4.15	53.88
Nov.,	"	993.50	5.40	53.65
Dec.,	"	850.70	4.43	37.69
Jan.,	1916,	701.10	5.09	35.69
Feb.,	"	582.70	5.00	29.14
Mar.,	"	607.60	4.92	29.89
Apr.,	"	580.90	4.83	28.06
May,	"	651.20	4.98	32.43
June,	"	540.80	5.45	29.47
July,	"	437.80	5.68	24.87
Aug.,	"	201.80	6.74	13.60
Sept.	8, "	33.40	6.74	2.25
Total		**8507.90**	**4.86 Av.**	**413.29**

Feed

Sept.—5 lbs. grain daily from the 9th to the 13th, 8 lbs. from the 14th to the 19th, then 10 lbs., of the following mixture: 4 lbs. bran, 2 lbs. each hominy and gluten, 5 lbs. XXXX Grains, 1 lb. cocoanut meal; 2 lbs. beet pulp, 15 lbs. beets, and 10 lbs. green sweet corn to the 13th; 2 lbs. beet pulp, 25 lbs. beets, and 10 lbs. sweet corn from 14th to 19th, then 3 lbs. beet pulp, 25 lbs. beets, and 10 lbs. each sweet corn and ensilage, pasture throughout month.

Oct.—10 lbs. grain daily of the following mixture: 4 lbs. bran, 2 lbs. each hominy and gluten, 5 lbs. XXXX Grains, 1 lb. each cottonseed meal and oil meal; 2 lbs. beet pulp, 30 lbs. beets, 15 lbs. ensilage, 5 lbs. alfalfa hay, pasture.

Nov.—12 lbs. grain daily to the 14th, then 11 lbs., of the following mixture: 4 lbs. bran, 2 lbs. each hominy and gluten, 5 lbs. XXXX Grains, 1 lb. each cottonseed meal and cocoanut meal; 3 lbs. beet pulp, 25 lbs. beets, 20 lbs. ensilage, and 10 lbs. alfalfa hay to the 14th, then 3 lbs. beet pulp, 35 lbs. ensilage, and 10 lbs. alfalfa hay.

Dec.—10 lbs. grain daily of the following mixture: 2 lbs. each bran and hominy, 1 lb. each corn meal, ground oats, cottonseed meal, and cocoanut meal, 5 lbs. XXXX Grains, 3 lbs. gluten; 2 lbs. beet pulp, 30 lbs. ensilage, 10 lbs. alfalfa hay.

Jan.—8 lbs. grain daily of the following mixture: 2 lbs. each bran, hominy, and ground oats, 5 lbs. XXXX Grains, 3 lbs. gluten, 1 lb. each cottonseed meal and cocoanut meal; 2 lbs. beet pulp, 25 lbs. ensilage, 8 lbs. alfalfa hay.

Feb.—Same grain ration as given in January; 2 lbs. beet pulp, 30 lbs. ensilage, 8 lbs. alfalfa hay.

Mar.—Same grain ration as given in January; 1 lb. beet pulp, 25 lbs. ensilage, 8 lbs. alfalfa hay.

Apr.—8 lbs. grain daily of the following mixture: 1 lb. each bran, ground oats, gluten, cottonseed meal, and cocoanut meal, 3 lbs. hominy, 4 lbs. XXXX Grains; 1 lb. beet pulp, 25 lbs. ensilage, 8 lbs. alfalfa hay.

May—8 lbs. grain daily to the 10th, then 6 lbs., of the following mixture: 2 lbs. each bran, ground oats, and gluten, 3 lbs. hominy, 5 lbs. XXXX Grains, 1 lb. cottonseed meal; 2 lbs. beet pulp, 25 lbs. ensilage, and 8 lbs. alfalfa hay to the 10th, then 1 lb. beet pulp with pasture.

June—6 lbs. grain daily of the following mixture: 2 lbs. each bran and gluten, 1 lb. each corn meal, ground oats, and cottonseed meal, 3 lbs. hominy, 5 lbs. D. D. D. Grains; 1 lb. beet pulp, pasture.

July—6 lbs. grain daily of the following mixture: 2 lbs. each bran and hominy, 4 lbs. D. D. D. Grains, 1 lb. each gluten and cottonseed meal; 2 lbs. beet pulp, pasture.

Aug.—5 lbs. grain daily of the following mixture: 2 lbs. each bran and hominy, 1 lb. each corn meal, ground oats, gluten, and cottonseed meal, 4 lbs. D. D. D. Grains; 5 lbs. clover hay, pasture.

Sept.—6 lbs. grain daily of the following mixture: 2 lbs. each bran, hominy, and gluten, 4 lbs. XXXX Grains, 1 lb. cottonseed meal; clover pasture.

5104 Auburn Beauty 6th 42200

Sire Helen's Fantine 2d's Nubia's Vesta 12527.
Sire Katia's Fantine 2d's Prince S. 11423.
Dam Helen of De Ruyter Stock Farm 18399.
Dam Auburn Beauty 12325.
Sire Dolina's Ruby 5288.
Dam Beauty's Onondaga 9959 A. R. 324.
Breeder B. J. Dodge, Verona, N. Y.
Owner W. Robert Dunlop, Fayetteville, N. Y.
Born Mar. 26, 1912. *Calved* May 7, 1914.
Requirement for admission: 254.70 lbs. butter fat.
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Official Year's Record, Class G

		Milk	Butter Fat	
		lbs.	%	lbs.
May	8, 1914,	791.70	4.87	38.56
June,	"	997.00	4.85	48.35
July,	"	923.00	4.13	38.12
Aug.,	"	753.70	4.90	36.93
Sept.,	"	705.40	5.71	40.28
Oct.,	"	658.10	4.69	30.86
Nov.,	"	587.20	5.50	32.30
Dec.,	"	566.60	5.50	31.16
Jan.,	1915,	538.00	6.32	34.00
Feb.,	"	512.00	6.28	32.15
Mar.,	"	541.00	6.38	34.52
Apr.,	"	488.70	6.58	32.16
May	7, "	107.20	6.50	6.97
Total		**8169.60**	**5.34 Av.**	**436.36**

Owner's Statement of Feed

May—No feed record given.

June—9 lbs. grain daily of the following mixture: 200 lbs. each bran and ground oats, 300 lbs. hominy, 100 lbs. each Distillers' Grains and cottonseed meal; mangels, ensilage, and alfalfa hay.

July—Same grain ration as given in June; green alfalfa and alfalfa hay.

Aug.—Same ration as given in July.

Sept.—Same ration as given in July.

Oct.—8 lbs. grain daily of the following mixture: 100 lbs. each bran, ground oats, Distillers' Grains, and cottonseed meal, 200 lbs. hominy; green millet and alfalfa, alfalfa hay.

Nov.—Same grain ration as given in October; 30 lbs. beets and carrots, 30 lbs. ensilage, alfalfa hay.

Dec.—Same ration as given in October except 200 lbs. corn meal in mixture instead of hominy.

Jan.—7 lbs. same grain ration as given in December; 30 lbs. beets, ensilage and alfalfa hay.

Feb.—7 lbs. grain daily of the following mixture: 100 lbs. each bran, ground oats, Distillers' Grains, and cottonseed meal, 200 lbs. corn meal; 30 lbs. beets, ensilage and alfalfa hay.

Mar.—7 lbs. Larro-Feed; 30 lbs. beets, ensilage and alfalfa hay.

Apr.—7 lbs. Larro-Feed; ensilage and alfalfa hay.

May—Same ration as given in April.

5105 Mixter Lara 58058

Sire Lucretia's Chief of Waumesit 12385 A. R.
Sire Norwich Chief 7686.
Dam Lucretia's Glenwood Girl of Haddon 16240.
Dam Lara of Mixter Farm 38846 A. R. 3087.
Sire Hardtack of Groton 11697 A. R.
Dam Countess Lara 20733.
Breeder Est. George Mixter, Hardwick, Mass.
Owner Est. George Mixter, Hardwick, Mass.
Born Sept. 27, 1913. *Calved* Jan. 19, 1916.
Served Aug. 22, 1916.
Requirement for admission: 262.10 lbs. butter fat.
Supervised by Massachusetts Agricultural Experiment Station.

Official Year's Record, Class G

		Milk	Butter Fat	
		lbs.	%	lbs.
Jan.	22, 1916,	287.30	4.85	13.93
Feb.,	"	928.80	4.85	45.05
Mar.,	"	991.30	4.15	41.14
Apr.,	"	918.80	4.43	40.70
May,	"	892.00	4.74	42.28
June,	"	782.10	4.76	37.23
July,	"	635.10	4.13	26.23
Aug.,	"	621.40	4.40	27.34
Sept.,	"	604.00	4.28	25.85
Oct.,	"	527.00	4.77	25.14
Nov.,	"	331.80	6.07	20.14
Dec.,	"	373.00	5.50	20.52
Jan.	21, 1917,	250.10	5.25	13.13
Total		**8142.70**	**4.65 Av.**	**378.68**

Owner's Statement of Feed

Jan.—8 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, ground oats, cottonseed meal, and linseed meal, 250 lbs. Ajax Flakes; 2 lbs. beet pulp, 20 lbs. ensilage, alfalfa, clover, and mixed hay.

Feb.—10 lbs. grain daily same mixture as January; same roughage.

Mar.—Same ration as given in February.

Apr.—Same ration as given in February.

May—15 lbs. grain daily same mixture as January; 2 lbs. beet pulp to the 14th, 20 lbs. ensilage to the 14th then 10 lbs., alfalfa, clover, and mixed hay to the 20th then green feed and pasture.

June—10 lbs. grain daily same mixture as January with 100 lbs. each corn meal and hominy added; 2 lbs. beet pulp, 20 lbs. ensilage, clover, alfalfa, and mixed hay, pasture.

July—Same grain ration as February; 20 lbs. ensilage, clover, alfalfa, and mixed hay, pasture.

Aug.—Same ration as given in July.

Sept.—12 lbs. grain daily same mixture as January; same roughage as July.

Oct.—Same grain ration as July; 2 lbs. beet pulp, 20 lbs. ensilage, clover, alfalfa, and mixed hay, pasture to the 7th.

Nov.—Same ration as last of October.

Dec.—Same ration as given in November.

Jan.—Same ration as given in November.

5106 Yeoman's Mixter Fay 58065

Sire Yeoman's King of the May 17053 A. R.
Sire Imp. Yeoman 8618 A. R.
Dam Florham Daisy 18115 A. R. 792.
Dam Thirty Thousand Six Hundred Nine 30609 A. R. 4132.
Sire Prince of Groton 9841 A. R.
Dam Nobska Fay of Hardwick 21824.
Breeder Est. George Mixter, Hardwick, Mass.
Owner Est. George Mixter, Hardwick, Mass.
Born Nov. 6, 1913. *Calved* Jan. 29, 1916.
Served Dec. 1, 1916.
Requirement for admission: 259.10 lbs. butter fat.
Supervised by Massachusetts Agricultural Experiment Station.

Official Year's Record, Class G

		Milk	Butter Fat	
		lbs.	%	lbs.
Feb.	1, 1916,	842.10	5.29	44.55
Mar.,	"	933.10	4.86	45.35
Apr.,	"	857.10	5.08	43.54
May,	"	836.70	5.52	46.19
June,	"	750.20	5.60	42.01
July,	"	638.80	5.76	36.79
Aug.,	"	600.40	6.00	36.02
Sept.,	"	624.00	5.75	35.88
Oct.,	"	589.50	5.58	32.89
Nov.,	"	552.50	5.35	29.56
Dec.,	"	528.90	5.93	31.36
Jan.	31, 1917,	543.20	6.13	33.30
Total		**8296.50**	**5.51 Av.**	**457.44**

Owner's Statement of Feed

Feb.—10 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, ground oats, cottonseed meal, and linseed meal, 250 lbs. Ajax Flakes; 2 lbs. beet pulp, 20 lbs. ensilage, alfalfa, clover, and mixed hay.

Mar.—Same ration as given in February.

Apr.—Same ration as given in February.

May—Same grain ration as February; 2 lbs. beet pulp, 20 lbs. ensilage, alfalfa, clover, and mixed hay to the 14th then green feed and hay.

June—12 lbs. grain daily same mixture as February with 100 lbs. each corn meal and hominy added; 2 lbs. beet pulp, 20 lbs. ensilage, alfalfa, clover, and mixed hay.

July—Same ration as given in February with pasture.

Aug.—12 lbs. grain daily same mixture as February; 2 lbs. beet pulp, 20 lbs. ensilage, clover, alfalfa, and mixed hay, pasture.

Sept.—Same ration as given in August.

Oct.—Same ration as August with pasture to the 7th.

Nov.—Same ration as last of October.

Dec.—Same ration as given in November.

Jan.—Same ration as given in November.

5107 Mixter Mabel 59804

Sire Langwater Demonstrator 16451 A. R.
Sire Dolly Dimple's May King of Langwater 12997 A. R.
Dam Imp. Hayes Felois 2d 15478 A. R. 423.
Dam Anne of Mixter Farm 38528 A. R. 4233.
Sire Lord Fay 14207.
Dam Queen Anne of Hardwick 26254 A. R. 2519.
Breeder Est. George Mixter, Hardwick, Mass.
Owner Est. George Mixter, Hardwick, Mass.
Born Jan. 6, 1914. *Calved* Jan. 13, 1916.
Served July 7, 1916.
Requirement for admission: 251.40 lbs. butter fat.
Supervised by Massachusetts Agricultural Experiment Station.

Official Year's Record, Class G

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Jan.	16, 1916,	412.00	4.62	19.03
Feb.,	"	819.40	4.84	39.66
Mar.,	"	862.50	4.81	41.49
Apr.,	"	831.20	5.06	42.06
May,	"	833.00	5.59	46.56
June,	"	784.20	5.22	40.94
July,	"	650.60	5.48	35.65
Aug.,	"	637.90	5.33	34.00
Sept.,	"	595.10	5.40	32.14
Oct.,	"	587.70	5.36	31.50
Nov.,	"	544.90	5.57	30.35
Dec.,	"	385.70	5.94	22.91
Jan.	15, 1917,	148.00	5.94	8.79
	Total	**8092.20**	**5.25 Av.**	**425.08**

Owner's Statement of Feed

Jan.—8 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, ground oats, cottonseed meal, and linseed meal, 250 lbs. Ajax Flakes; 2 lbs. beet pulp, 20 lbs. ensilage, alfalfa, clover, and mixed hay.

Feb.—10 lbs. grain daily same mixture as January; same roughage.

Mar.—Same ration as given in February.

Apr.—Same ration as given in February.

May—Same grain ration as February; 2 lbs. beet pulp to the 14th, 20 lbs. ensilage to the 14th then 10 lbs., alfalfa, clover, and mixed hay to the 20th then green feed and pasture.

June—10 lbs. grain daily same mixture as January with 100 lbs. each corn meal and hominy added; 2 lbs. beet pulp, 20 lbs. ensilage, pasture.

July—Same grain ration as February; 20 lbs. ensilage, clover, alfalfa, and mixed hay, pasture.

Aug.—Same ration as given in July.

Sept.—Same ration as given in July.

Oct.—Same grain ration as February; 2 lbs. beet pulp, 20 lbs. ensilage, clover, alfalfa, and mixed hay, pasture to the 7th.

Nov.—Same ration as last of October.

Dec.—Same ration as given in November.

Jan.—Same ration as given in November.

5108 Princess of Hickory Grove 42794

Sire Imp. Pioneer of New Castle 12687 A. R.
Sire Prince of the Meadow R. G. A. S. 332 F. S.
Dam Imp. Princess May II. of Les Prevosts 22702.
Dam Shilotta Maid's Pearl 32727.
Sire Peter Paul's Anchor's Sunnyside 13068.
Dam Shilotta Maid 25094.
Breeder Glenn Clark, Eau Claire, Mich.
Owner Glenn Clark, Eau Claire, Mich.
Born Dec. 20, 1912. *Calved* Jan. 20, 1916.
Served July 5, 1916.
Requirement for admission: 290.20 lbs. butter fat.
Supervised by Michigan Agricultural Experiment Station.

Official Year's Record, Class E

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Jan.	22, 1916,	335.00	4.43	14.84
Feb.,	"	1073.40	4.43	47.55
Mar.,	"	1081.60	4.04	43.70
Apr.,	"	950.80	4.75	45.16
May,	"	928.70	4.48	41.61
June,	"	816.00	4.98	40.64
July,	"	699.90	5.02	35.13
Aug.,	"	646.40	4.81	31.09
Sept.,	"	580.40	5.35	31.05
Oct.,	"	578.90	5.15	29.81
Nov.,	"	528.00	5.25	27.72
Dec.,	"	421.50	5.63	23.73
Jan.	21, 1917,	140.20	5.90	8.27
	Total	**8780.80**	**4.79 Av.**	**420.30**

Owner's Statement of Feed

Jan.—48 lbs. grain: 3.5 lbs. each corn meal and ground speltz, 21 lbs. Ajax Flakes, 7 lbs. Buffalo Gluten, 10.5 lbs. Unicorn Dairy Ration, 2.5 lbs. oil meal; 300 lbs. ensilage, 100 lbs. alfalfa.

Feb.—195.75 lbs. grain: 14.5 lbs. each corn meal and ground speltz, 87 lbs. Ajax Flakes, 29 lbs. Buffalo Gluten, 43.5 lbs. Unicorn Dairy Ration, 7.25 lbs. oil meal; 870 lbs. ensilage, 290 lbs. alfalfa.

Mar.—267.5 lbs. grain: 15.5 lbs. corn meal, 93 lbs. Ajax Flakes, 31 lbs. speltz, 124 lbs. Unicorn Dairy Ration, 4 lbs. oil meal; 930 lbs. ensilage, 310 lbs. alfalfa.

Apr.—282 lbs. grain: 24 lbs. corn meal, 48 lbs. ground speltz, 90 lbs. Ajax Flakes, 120 lbs. Unicorn Dairy Ration; 900 lbs. ensilage, 300 lbs. timothy and alfalfa hay.

May—186 lbs. grain: 15.5 lbs. corn meal, 62 lbs. Ajax Flakes, 77.5 lbs. Unicorn Dairy Ration, 31 lbs. ground speltz; 462 lbs. ensilage, 50 lbs. alfalfa, pasture.

June—135 lbs. grain: 15 lbs. corn meal, 30 lbs. ground speltz, 90 lbs. Unicorn Dairy Ration; 450 lbs. ensilage, pasture.

July—86.8 lbs. grain: 15.5 lbs. ground corn, 24.8 lbs. ground speltz, 46.5 lbs. Unicorn Dairy Ration; 465 lbs. ensilage, pasture.

Aug.—170.5 lbs. grain: 31 lbs. ground corn, 46.5 lbs. ground speltz, 93 lbs. Ajax Flakes; 620 lbs. ensilage, 310 lbs. alfalfa, pasture.

Sept.—165 lbs. grain: 75 lbs. of (corn 2 parts and speltz 1 part) ground and 90 lbs. Ajax Flakes; 600 lbs. ensilage, 300 lbs. alfalfa, pasture.

Oct.—170.5 lbs. grain: 77.5 lbs. of (corn 1 part and oats 2 parts) ground and 93 lbs. Ajax Flakes; 620 lbs. ensilage, 310 lbs. alfalfa, pasture.

Nov.—210 lbs. grain: 60 lbs. bran, 75 lbs. each ground oats and Ajax Flakes; 600 lbs. ensilage, 300 lbs. alfalfa.

Dec.—217 lbs. grain: 62 lbs. bran, 77.5 lbs. each ground oats and Ajax Flakes; 775 lbs. ensilage, 310 lbs. alfalfa.

Jan.—136.5 lbs. grain: 31.5 lbs. bran, 52.5 lbs. each (corn 2 parts and oats 1 part) ground and Ajax Flakes; 525 lbs. ensilage, corn stover, 210 lbs. alfalfa.

5109 Imp. Heliac 24248

Sire Itchen Wrangler 1757 E. G. H. B., A. R.
Sire Imp. Golden Secret 12599 A. R.
Dam Itchen Rose Bud 5499 E. G. H. B.
On Guernsey Rosy of the Palotterie II. R. G. A. S. 4747 P. S.
Dam Imp. Itchen Sunflower 23541.
Sire Imp. Golden Secret 12599 A. R.
Dam Itchen Primrose 2d 5158 E. G. H. B.
On Guernsey Primrose I. of Les Caches R. G. A. S. 4141 P. S.
Breeder Sir H. D. Tichborne, England.
Owner Galen L. Stone, Marion, Mass.
Born Feb. 12, 1908. *Calved* Jan. 18, 1916.
Served Aug 22, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Massachusetts Agricultural Experiment Station.

Official Year's Record, Class A

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Jan.	22, 1916,	360.90	6.42	23.17
Feb.,	"	1078.90	5.37	57.94
Mar.,	"	1116.10	5.49	61.27
Apr.,	"	1033.30	5.72	59.10
May,	"	994.20	6.02	59.85
June,	"	870.10	5.83	50.73
July,	"	887.10	6.11	54.20
Aug.,	"	821.90	5.53	45.45
Sept.,	"	705.40	5.56	39.15
Oct.,	"	730.60	5.73	41.86
Nov.,	"	676.30	6.33	42.81
Dec.,	"	596.80	6.51	38.85
Jan.	21, 1917,	354.40	6.29	22.29
	Total	**10226.00**	**5.83 Av.**	**596.67**

Owner's Statement of Feed

Jan.—6 lbs. grain daily of the following mixture: 100 lbs. bran, 160 lbs. Ajax Flakes, 125 lbs. Schumacher Feed, 25 lbs. cottonseed meal, 50 lbs. oil meal; 25 lbs. ensilage, 8 lbs. hay.

Feb.—11 lbs. grain daily same mixture as January; 1 pint molasses, 3 lbs. beet pulp, 10 lbs. beets, 25 lbs. ensilage, 6 lbs. alfalfa.

Mar.—Same ration as given in February.

Apr.—14 lbs. grain daily of the following mixture: 100 lbs. each bran and Schumacher Feed, 150 lbs. Ajax Flakes, 25 lbs. cottonseed meal, 50 lbs. oil meal; 20 lbs. beets, 25 lbs. ensilage, 6 lbs. alfalfa.

May—10 lbs. grain daily same mixture as April; 20 lbs. ensilage, pasture.

June—12 lbs. grain daily of the following mixture: 100 lbs. each bran, ground oats, and Ajax Flakes, 25 lbs. cottonseed meal, 50 lbs. O. P. oil meal; 6 lbs. alfalfa, pasture.

July—Same grain ration as June; green feed, 5 lbs. alfalfa, pasture.

Aug.—12 lbs. grain daily same mixture as June omitting cottonseed meal; green feed, 5 lbs. alfalfa, pasture.

Sept.—Same grain ration as June; 6 lbs. alfalfa, pasture.

Oct.—10.5 lbs. grain daily same mixture as June with 25 lbs. hominy added; 25 lbs. ensilage, 6 lbs. alfalfa.

Nov.—Same grain ration as October; 3 lbs. beet pulp, 25 lbs. ensilage, 6 lbs. alfalfa.

Dec.—8 lbs. grain daily same mixture as October; 25 lbs. ensilage, 6 lbs. alfalfa.

Jan.—8 lbs. Purina Feed daily; 30 lbs. ensilage, 6 lbs. clover hay.

5110 Marcus Glenwood's Rosette 46710

Sire Marcus Glenwood 13593 A. R.
Sire Marcia's Glenwood of Pinehurst 11560 A. R.
Dam Thelma Glenwood 18829 A. R. 1722.
Dam Jessica's Rosette 26234.
Sire Rosette's Harry 10914.
Dam Jessica of Oaklands 17392.
Breeder Grant M. Enlow, Fairfield, Iowa.
Owner Hans J. Schmidt, Cedar Falls, Iowa.
Born Aug. 1, 1913. *Calved* Dec. 4, 1915.
Served Mar. 22, 1916.
Requirement for admission: 263.10 lbs. butter fat.
Supervised by Iowa Agricultural Experiment Station.

Official Year's Record, Class G

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Dec.	6, 1915,	621.85	4.45	27.67
Jan.,	1916,	834.95	4.98	41.58
Feb.,	"	734.05	4.26	31.27
Mar.,	"	709.75	4.20	29.81
Apr.,	"	658.55	4.34	28.58
May,	"	675.90	4.52	30.55
June,	"	765.30	4.46	34.13
July,	"	611.20	4.68	28.60
Aug.,	"	607.85	4.50	27.35
Sept.,	"	516.50	5.02	25.93
Oct.,	"	381.25	6.25	23.83
Nov.,	"	377.25	6.13	23.13
Dec.	5, "	47.20	6.13	2.89
	Total	**7541.60**	**4.71 Av.**	**355.32**

Owner's Statement of Feed

Dec.—309.5 lbs. grain: 36.5 lbs. each bran and oil meal, 121 lbs. corn and cob meal, 90.8 lbs. ground oats, 24.7 lbs. cottonseed meal; 675 lbs. ensilage, 162 lbs. hay.

Jan.—372 lbs. grain: 31 lbs. bran, 139.5 lbs. each corn and cob meal and ground oats, 38.75 lbs. cottonseed meal, 23.25 lbs. oil meal; 775 lbs. ensilage, 186 lbs. mixed hay.

Feb.—290 lbs. grain: 116 lbs. each corn and cob meal and ground oats, 43.5 lbs. cottonseed meal, 14.5 lbs. oil meal; 1015 lbs. ensilage, 174 lbs. hay.

Mar.—310 lbs. grain: 124 lbs. each ground oats and corn and cob meal, 46.5 lbs. cottonseed meal, 15.5 lbs. oil meal; 1085 lbs. ensilage, 186 lbs. hay.

Apr.—300 lbs. grain: 120 lbs. each ground oats and corn and cob meal, 45 lbs. cottonseed meal, 15 lbs. oil meal; 1050 lbs. ensilage, 180 lbs. hay.

May—195 lbs. grain: 124 lbs. ground oats, 40 lbs. corn and cob meal, 31 lbs. cottonseed meal; 90 lbs. mixed hay, pasture.

June—180 lbs. grain of the following mixture: 150 lbs. bran, 250 lbs. ground oats, 200 lbs. gluten, 100 lbs. each cottonseed meal and oil meal; 750 lbs. green alfalfa, pasture.

July—186 lbs. grain same mixture as June; 310 lbs. alfalfa, pasture.

Aug.—217 lbs. grain of the following mixture: 150 lbs. each bran and oil meal, 250 lbs. ground oats, 20 lbs. D. D. D. Grains, 100 lbs. beet pulp; alfalfa and pasture.

Sept.—210 lbs. grain of the following mixture: 150 lbs. each bran and oil meal, 200 lbs. each ground oats and D. D. D. Grains, 100 lbs. beet pulp; alfalfa and pasture.

Oct.—217 lbs. grain of the following mixture: 150 lbs. each bran and oil meal, 250 lbs. ground oats, 200 lbs. D. D. D. Grains, 100 lbs. each cottonseed meal and beet pulp; ensilage.

Nov.—240 lbs. grain of the following mixture: 1000 lbs. corn and cob meal, 200 lbs. each ground oats and oil meal, 500 lbs. D. D. D. Grains, 300 lbs. cottonseed meal; 35 lbs. ensilage and 6 lbs. mixed hay daily.

Dec.—40 lbs. grain same mixture as November; same roughage.

5111 Marcus Glenwood's Daisy 46712

Sire Marcus Glenwood 13593 A. R.
Sire Marcia's Glenwood of Pinehurst 11560 A. R.
Dam Thelma Glenwood 18829 A. R. 1722.
Dam Kaloolah's Daisy of Laredo 33351.
Sire King Bragg of Fairview 10349.
Dam Kaloolah's Dollie 24667.
Breeder Grant M. Enlow, Fairfield, Iowa.
Owner Hans J. Schmidt, Cedar Falls, Iowa.
Born Sept. 3, 1913. *Calved* Oct. 27, 1915.
Served Apr. 9, 1916.
Requirement for admission: 255.90 lbs. butter fat.
Supervised by Iowa Agricultural Experiment Station.

Official Year's Record, Class G

	Milk	Butter Fat	
	lbs.	%	lbs.
Oct. 28, P.M., 1915,	48.50	4.36	2.11
Nov., "	620.20	4.36	27.04
Dec., "	593.50	5.44	32.29
Jan., 1916,	556.65	5.98	33.29
Feb., "	488.90	5.83	28.50
Mar., "	497.95	5.77	28.73
Apr., "	474.25	5.57	26.42
May, "	464.85	5.61	26.08
June, "	500.85	5.62	28.15
July, "	377.15	6.05	22.82
Aug., "	392.45	5.65	22.17
Sept., "	300.25	6.18	18.56
Oct. 28, A.M., "	269.70	7.48	20.17
Total	**5585.20**	**5.66 Av.**	**316.33**

Owner's Statement of Feed

Oct.—No grain given; 20 lbs. ensilage daily, pasture.

Nov.—172 lbs. grain of the following amounts: 27.8 lbs. bran, 49.5 lbs. corn and cob meal, 48 lbs. ground oats, 21.7 lbs. cottonseed meal, 25 lbs. oil meal; 660 lbs. ensilage, pasture to the 15th then 84 lbs. hay.

Dec.—379 lbs. grain of the following amounts: 46 lbs. each bran and oil meal, 140 lbs. corn and cob meal, 102 lbs. ground oats, 45 lbs. cottonseed meal; 775 lbs. ensilage, 186 lbs. hay.

Jan.—12 lbs. grain daily of the following mixture: 1 lb. bran, 4.5 lbs. each corn and cob meal and ground oats, 1.25 lbs. cottonseed meal, .75 lb. oil meal; 25 lbs. ensilage, 6 lbs. mixed hay.

Feb.—10 lbs. grain daily of the following mixture: 4 lbs. each corn and cob meal and ground oats, 1.5 lbs. cottonseed meal, .5 lb. oil meal; 35 lbs. ensilage, 6 lbs. hay.

Mar.—Same ration as given in February.

Apr.—Same ration as given in February.

May—5 lbs. grain daily of 4 lbs. ground oats and 1 lb. cottonseed meal with 4 lbs. corn and cob meal added the first ten days; 6 lbs. hay to the 15th, pasture.

June—6 lbs. grain daily of the following mixture: 150 lbs. bran, 250 lbs. ground oats, 200 lbs. gluten, 100 lbs. each cottonseed meal and oil meal; pasture with 50 lbs. green alfalfa daily to the 17th.

July—Same grain ration as given in June; 10 lbs. alfalfa hay, pasture at night.

Aug.—7 lbs. grain daily of the following mixture: 150 lbs. each bran and oil meal, 250 lbs. ground oats, 200 lbs. D. D. D. Grains, 100 lbs. beet pulp; alfalfa hay and pasture.

Sept.—Same ration as given in August.

Oct.—7 lbs. grain daily of the following mixture: 150 lbs. each bran and oil meal, 250 lbs. ground oats, 200 lbs. D. D. D. Grains, 100 lbs. each cottonseed meal and beet pulp; ensilage and pasture.

5112 Queen Greta 46435

Sire Sultan Bloom 12228 A. R.
Sire Rose's Masher 9810.
Dam Questa Bloom 2d 19167.
Dam Miss Greta 20468.
Sire Sir Galahad 6254 A. R.
Dam Lady Greta 2d 14357.
Breeder John Conway, Appleton, Wis.
Owner W. G. Jamison & Sons, Appleton, Wis.
Born Oct. 24, 1911. *Calved* Jan. 15, 1916.
Served June 5, 1916.
Requirement for admission: 332.10 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class C

	Milk	Butter Fat	
	lbs.	%	lbs.
Jan. 19, 1916,	433.90	6.10	26.47
Feb., "	1018.50	6.10	62.13
Mar., "	1037.70	5.49	56.97
Apr., "	981.50	5.36	52.61
May, "	908.00	5.83	52.94
June, "	920.00	5.42	49.86
July, "	828.30	5.37	44.48
Aug., "	774.40	5.53	42.82
Sept., "	761.90	6.21	47.31
Oct., "	770.10	6.58	50.67
Nov., "	593.50	6.85	40.65
Dec., "	528.00	6.82	36.01
Jan. 18, 1917,	268.00	7.25	19.43
Total	**9823.80**	**5.93 Av.**	**582.35**

Owner's Statement of Feed

Jan.—83.5 lbs. grain: 16 lbs. bran, 15.5 lbs. ground oats, 23.5 lbs. ground barley, 27 lbs. Ajax Flakes, 1.5 lbs. gluten; 320 lbs. ensilage, alfalfa.

Feb.—336.5 lbs. grain: 171 lbs. bran, 3 lbs. ground oats, 26.5 lbs. cracked barley, 68.5 lbs. Ajax Flakes, 67.5 lbs. gluten; 812 lbs. ensilage, alfalfa.

Mar.—360 lbs. grain: 119 lbs. bran, 4 lbs. ground oats, 6 lbs. ground barley, 61.5 lbs. Ajax Flakes, 124.5 lbs. Unicorn Dairy Ration, 45 lbs. gluten; 868 lbs. ensilage, alfalfa.

Apr.—345 lbs. grain: 27.5 lbs. bran, 39 lbs. ground oats, 114 lbs. ground barley, 111.2 lbs. Ajax Flakes, 53.3 lbs. gluten; 900 lbs. ensilage, alfalfa.

May—322.5 lbs. grain: 98.4 lbs. each ground oats and ground barley, 62.85 lbs. each Ajax Flakes and gluten; 930 lbs. ensilage, alfalfa, pasture after the 25th.

June—228.2 lbs. grain: 70.6 lbs. each ground oats and ground barley, 43.5 lbs. each Ajax Flakes and gluten; ensilage to the 10th, pasture.

July—279 lbs. grain: 18.5 lbs. bran, 75.1 lbs. ground oats, 76.9 lbs. ground barley, 86.4 lbs. Ajax Flakes, 22.1 lbs. gluten; 465 lbs. ensilage, pasture.

Aug.—279 lbs. grain: 88.3 lbs. bran, 80.2 lbs. ground oats, 96.9 lbs. Ajax Flakes, 13.6 lbs. gluten; 560 lbs. ensilage, 100 lbs. clover hay, pasture.

Sept.—270 lbs. grain: 86.7 lbs. bran, 53.8 lbs. ground oats, 68.5 lbs. Ajax Flakes, 61 lbs. gluten; 500 lbs. ensilage, clover pasture.

Oct.—279 lbs. grain: 85.5 lbs. each bran, ground oats, and Ajax Flakes, 22.5 lbs. gluten; pasture.

Nov.—270 lbs. grain: 94.9 lbs. each bran and ground oats, 68.5 lbs. Ajax Flakes, 11.7 lbs. oil meal; 750 lbs. ensilage, oat and pea hay, 75 lbs. clover hay, pasture to the 10th.

Dec.—279 lbs. grain: 80.6 lbs. each bran and ground oats, 77.5 lbs. Ajax Flakes, 40.3 lbs. oil meal; 930 lbs. ensilage, 30 lbs. clover hay, 155 lbs. oat and pea hay, 125 lbs. June grass hay.

Jan.—162 lbs. grain: 33.8 lbs. bran, 59.8 lbs. ground oats, 45 lbs. Ajax Flakes, 23.4 lbs. oil meal; 540 lbs. ensilage, 144 lbs. June grass hay.

5113 Raymond's Tidy 48811

Sire Raymond of Homestead 18063 A. R.
Sire Imp. Raymond of Saints 13839.
Dam Ellalee of Paxtang 19312 A. R. 760.
Dam Tidy of Homestead 37183.
Sire Captain of Industry 13118 A. R.
Dam Golden Tidy 23745.
Breeder W. G. Jamison, Appleton, Wis.
Owner W. G. Jamison, Appleton, Wis.
Born July 22, 1913. *Calved* Jan. 9, 1916.
Served June 1, 1916.
Requirement for admission: 267.90 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class G

	Milk	Butter Fat	
	lbs.	%	lbs.
Jan. 13, 1916,	526.70	4.68	24.65
Feb., "	819.30	4.94	40.47
Mar., "	810.90	4.44	36.00
Apr., "	801.20	4.54	36.37
May, "	758.50	5.56	42.17
June, "	784.80	4.88	38.30
July, "	752.60	4.73	35.60
Aug., "	723.00	5.01	36.22
Sept., "	649.50	5.40	35.07
Oct., "	656.00	6.08	39.88
Nov., "	542.90	6.14	33.33
Dec., "	449.30	6.33	28.44
Jan. 12, 1917,	144.30	6.33	9.13
Total	**8419.00**	**5.17 Av.**	**435.63**

Owner's Statement of Feed

Jan.—124.5 lbs. grain: 24 lbs. bran, 22 lbs. ground oats, 36 lbs. ground barley, 41 lbs. Ajax Flakes, 1.5 lbs. gluten; 487 lbs. ensilage, alfalfa.

Feb.—290 lbs. grain: 142 lbs. bran, 5.5 lbs. ground oats, 26.5 lbs. cracked barley, 58 lbs. each Ajax Flakes and gluten; 812 lbs. ensilage, alfalfa.

Mar.—300 lbs. grain: 86.5 lbs. bran, 4 lbs. ground oats, 6 lbs. cracked barley, 37 lbs. Ajax Flakes, 124.5 lbs. Unicorn Dairy Ration, 42 lbs. gluten; 868 lbs. ensilage, alfalfa.

Apr.—285 lbs. grain: 23 lbs. bran, 32.2 lbs. ground oats, 93.1 lbs. ground barley, 91.8 lbs. Ajax Flakes, 44.9 lbs. gluten; 900 lbs. ensilage, alfalfa.

May—279 lbs. grain: 86.8 lbs. each ground oats and ground barley, 52.7 lbs. each Ajax Flakes and gluten; 930 lbs. ensilage, alfalfa, pasture after the 25th.

June—270 lbs. grain: 84 lbs. each ground oats and ground barley, 51 lbs. each Ajax Flakes and gluten; ensilage to the 10th, pasture except on the 7th.

July—279 lbs. grain: 19.7 lbs. bran, 76.9 lbs. ground oats, 77 lbs. ground barley, 83.3 lbs. Ajax Flakes, 22.1 lbs. gluten; 465 lbs. ensilage, pasture.

Aug.—279 lbs. grain: 86.7 lbs. bran, 80.2 lbs. ground oats, 101.9 lbs. Ajax Flakes, 10.2 lbs. gluten; 560 lbs. ensilage, 100 lbs. clover hay, pasture.

Sept.—270 lbs. grain: 86.7 lbs. bran, 53.8 lbs. ground oats, 68.5 lbs. Ajax Flakes, 61 lbs. gluten; 500 lbs. ensilage, pasture.

Oct.—279 lbs. grain: 85.5 lbs. each bran, ground oats, and Ajax Flakes, 22.5 lbs. gluten; pasture.

Nov.—270 lbs. grain: 94.9 lbs. each bran and ground oats, 68.5 lbs. Ajax Flakes, 11.7 lbs. oil meal; 750 lbs. ensilage, oat and pea hay, 75 lbs. clover hay, pasture to the 10th.

Dec.—279 lbs. grain: 80.6 lbs. each bran and ground oats, 77.5 lbs. Ajax Flakes, 40.3 lbs. oil meal; 930 lbs. ensilage, 30 lbs. clover hay, 155 lbs. oat and pea hay, 125 lbs. June grass hay.

Jan.—108 lbs. grain: 62.4 lbs. ground oats, 30 lbs. Ajax Flakes, 15.6 lbs. oil meal; 360 lbs. ensilage, 96 lbs. June grass hay.

5114 Columbine of Rich Neck 2d 49307

Sire Splendide of Rich Neck 16751 A. R.
Sire Auricula's Glenwood Rex of Haddon 12735.
Dam Cora of Elm Shade 17711 A. R. 1295.
Dam Columbine of Rich Neck 36827 A. R. 2955.
Sire Lavanton 11611 A. R.
Dam Imp. Froome's Queen 28706 A. R. 1421.
Breeder H. H. Pearson, Jr., Claiborne, Md.
Owner Est. H. H. Pearson, Jr., Claiborne, Md.
Born July 21, 1913. *Calved* Jan. 12, 1916.
Served Aug. 2, 1916.
Requirement for admission: 268.20 lbs. butter fat.
Supervised by Maryland Agricultural Experiment Station.

Official Year's Record, Class G

	Milk	Butter Fat	
	lbs.	%	lbs.
Jan. 15, 1916,	507.80	5.30	26.91
Feb., "	1018.40	5.30	53.98
Mar., "	1053.90	5.19	54.70
Apr., "	1019.90	5.79	59.05
May, "	991.10	5.69	56.39
June, "	920.40	6.07	55.87
July, "	890.80	5.50	48.99
Aug., "	851.70	5.58	47.52
Sept., "	827.90	5.81	48.10
Oct., "	795.30	5.80	46.13
Nov., "	727.80	7.19	52.33
Dec., "	678.40	6.88	46.67
Jan. 14, 1917,	299.30	6.88	20.59
Total	**10582.70**	**5.83 Av.**	**617.23**

Owner's Statement of Feed

Jan.—146.5 lbs. grain: 66.75 lbs. each bran and ground oats, 8.5 lbs. oil meal, and 4.5 lbs. of the following ration: 12.5 lbs. each bran, oats, and beet pulp, 3.125 lbs. corn meal, 20 lbs. Ajax Flakes, 6.25 lbs. each cottonseed meal and linseed meal; 17.5 lbs. beet pulp, 260 lbs. ensilage, 170 lbs. alfalfa.

Feb.—346.7 lbs. grain: 125.5 lbs. bran, 13.2 lbs. corn meal, 100.5 lbs. ground oats, 12.5 lbs. oil meal, and 95 lbs. same ration as January; 76 lbs. beet pulp, 522 lbs. ensilage, 290 lbs. alfalfa.

Mar.—375.1 lbs. grain: 92 lbs. each bran and ground oats, 18.6 lbs. corn meal, 15.5 lbs. oil meal, and 157 lbs. of the following mixture: 12.5 lbs. each bran, corn meal, and linseed meal, 40 lbs. Ajax Flakes, 6.25 lbs. each cottonseed meal and beet pulp; 620 lbs. ensilage, 310 lbs. alfalfa.

Apr.—363 lbs. grain: 61 lbs. each bran and ground oats, 18 lbs. corn meal, 15 lbs. oil meal, and 208 lbs. same mixture as March; 90 lbs. beet pulp, 593 lbs. ensilage, 30 lbs. wheat vetch from the 25th, 300 lbs. alfalfa, pasture from the 19th except on the 25th.

May—375.1 lbs. grain: 62 lbs. each bran and ground oats, 18.6 lbs. corn meal, 15.5 lbs. oil meal, and 217 lbs. same mixture as March; 93 lbs. beet pulp, 593 lbs. ensilage, 230 lbs. wheat and vetch, 313 lbs. green alfalfa, 310 lbs. alfalfa hay, pasture except on the 16th, 17th, and 29th.

June—363 lbs. grain: 60 lbs. each bran and ground oats, 18 lbs. corn meal, 15 lbs. oil meal, and 210 lbs. same mixture as March; 90 lbs. beet pulp, 534 lbs. ensilage, 225 lbs. green corn, 565 lbs. green alfalfa, 300 lbs. alfalfa hay, pasture except on the 9th, 17th, and 25th.

July—408.9 lbs. grain: 62 lbs. each bran and ground oats, 18.6 lbs. corn meal, 18.3 lbs. soy bean meal, 31 lbs. oil meal, and 217 lbs. same mixture as March; 93 lbs. beet pulp, 465 lbs. each green corn and green alfalfa, 492 lbs. ensilage 310 lbs. alfalfa hay, pasture except on the 9th.

Aug.—409.2 lbs. grain: 62 lbs. each bran and ground oats, 18.6 lbs. each corn meal and soy bean meal, 31 lbs. oil meal, and 217 lbs. same mixture as March; 93 lbs. beet pulp, 439 lbs. ensilage, 465 lbs. green corn, 355 lbs. green alfalfa, 310 lbs. alfalfa hay.

Sept.—396 lbs. grain: 60 lbs. each bran and ground oats, 18 lbs. each corn meal and soy bean meal, 30 lbs. oil meal, and 210 lbs. same mixture as March; 90 lbs. beet pulp, 35 lbs. roots, 438 lbs. ensilage, 399 lbs. green corn, 285 lbs. green alfalfa, 300 lbs. alfalfa hay.

Oct.—393.7 lbs. grain: 62 lbs. each bran and ground oats, 18.6 lbs. each corn meal and soy bean meal, 15.5 lbs. oil meal, and 217 lbs. same mixture as March; 33 lbs. beet pulp, 436 lbs. roots, 558 lbs. ensilage, 226 lbs. green alfalfa, 310 lbs. alfalfa hay.

Nov.—381 lbs. grain: 60 lbs. each bran and ground oats, 18 lbs. each corn meal and soy bean meal, 15 lbs. oil meal, and 210 lbs. same mixture as March; 82 lbs. beet pulp, 510 lbs. roots, 540 lbs. ensilage, 12 lbs. green alfalfa, 300 lbs. alfalfa hay.

Dec.—325.5 lbs. grain: 31 lbs. each soy bean meal and oil meal, and 263.5 lbs. same mixture as March; 93 lbs. beet pulp, 558 lbs. roots, 620 lbs. ensilage, 310 lbs. alfalfa.

Jan.—147 lbs. grain: 14 lbs. each soy bean meal and oil meal, and 119 lbs. same mixture as March; 42 lbs. beet pulp, 252 lbs. roots, 280 lbs. ensilage, 140 lbs. alfalfa.

5115 Noreen of Pencoyd 51036

Sire Langwater Pencoyd 21830 A. R.
Sire Dolly Dimple's May King of Langwater 12997 A. R.
Dam Langwater May Queen 22141 A. R. 1043.
Dam Nora of Pencoyd 38923 A. R. 3494.
Sire Imp. Golden Secret of Lilyvale 10028 A. R.
Dam Nordica of Locust Hill 15362 A. R. 897.
Breeder T. W. & I. W. Roberts, Bala, Pa.
Owner T. W. & I. W. Roberts, Bala, Pa.
Sold Jan. 20, 1917 to Clarence Deshong, Chester, Pa.
Born Mar. 21, 1914. *Calved* May 7, 1916.
Served Nov. 21, 1916.
Requirement for admission: 255.80 lbs. butter fat.
Supervised by Pennsylvania Agricultural Experiment Station.

Official Year's Record, Class G

		Milk lbs.	Butter Fat %	Butter Fat lbs.
May	14, 1916,	515.60	4.58	23.61
June,	"	917.50	4.64	42.57
July,	"	896.20	4.87	43.64
Aug.,	"	848.40	4.97	42.17
Sept.,	"	773.70	5.13	39.69
Oct.,	"	845.70	5.23	44.23
Nov.,	"	809.70	5.75	46.56
Dec.,	"	779.50	5.49	42.79
Jan.,*	1917,	680.20	5.53	37.62
Feb.,	"	No record given.		
Mar.,	"	No record given.		
Apr.,	"	No record given.		
May	13, "	No record given.		
Total		**7066.50**	**5.14 Av.**	**362.88**

*4 days lacking.

Owner's Statement of Feed

May—12 lbs. grain daily, 9 lbs. of the following mixture with 3 lbs. Ajax Flakes added: 120 lbs. bran, 30 lbs. each corn meal and hominy, 60 lbs. each ground oats, gluten, cottonseed meal, and oil meal, 150 lbs. Ajax Flakes; 3 lbs. beet pulp, 8 lbs. hay.

June—13.5 lbs. grain daily, 10.5 lbs. same mixture as May with 3 lbs. Ajax Flakes added; 1 lb. molasses to the 12th, 3 lbs. beet pulp, 15 lbs. green alfalfa, 8 lbs. hay.

July—13.5 lbs. grain daily, 10.5 lbs. of the following mixture with 3 lbs. Ajax Flakes added: 120 lbs. bran, 60 lbs. each corn meal, ground oats, gluten, cottonseed meal, and oil meal, 150 lbs. Ajax Flakes, 50 lbs. Unicorn Dairy Ration; 3 lbs. beet pulp, 10 lbs. green alfalfa, 4 lbs. hay.

Aug.—13.5 lbs. grain daily, 10.5 lbs. of the following mixture with 3 lbs. Ajax Flakes added: 120 lbs. bran, 60 lbs. each corn meal, hominy, ground oats, gluten, cottonseed meal, and oil meal, 125 lbs. Ajax Flakes; 1 lb. molasses, 2 lbs. beet pulp, 10 lbs. green corn, 4 lbs. hay.

Sept.—Same grain ration as August; 1 lb. molasses, 2 lbs. beet pulp, 10 lbs. green corn, 5 lbs. green alfalfa, 4 lbs. hay.

Oct.—13.5 lbs. grain daily, 10.5 lbs. of the following mixture with 3 lbs. Ajax Flakes added: 200 lbs. each bran and Ajax Flakes, 100 lbs. each corn meal, hominy, ground oats, gluten, cottonseed meal, and oil meal; 1 lb. molasses, 2 lbs. beet pulp, 5 lbs. ensilage, 6 lbs. alfalfa.

Nov.—15 lbs. grain daily, 12 lbs. same mixture as October with 3 lbs. Ajax Flakes added; 1 lb. molasses, 3 lbs. beet pulp, 10 lbs. ensilage, 7 lbs. alfalfa.

Dec.—13.5 lbs. grain daily, 11.25 lbs. of the following mixture with 2.25 lbs. Ajax Flakes added: 200 lbs. each bran and hominy, 100 lbs. each corn meal, gluten, cottonseed meal, and oil meal, 150 lbs. ground oats, 250 lbs. Ajax Flakes; 1 lb. molasses, 1.5 lbs. beet pulp, 15 lbs. ensilage, 10 lbs. alfalfa.

Jan.—11.25 lbs. grain daily same mixture as December; 1 lb. each molasses and beet pulp, 15 lbs. ensilage, 10 lbs. alfalfa.

5116 Imp. Maggie Herivel 54970

Sire Duke of York R. A. A. S. 50 P. S., A. R.
Sire Billy of the Val R. A. A. S. 56 F. S.
Dam Nellie II. R. A. A. S. 759 P. S.
Dam Maggie R. A. A. S. 366 F. S.
Sire On Alderney.
Dam On Alderney.
Breeder R. A. Herivel, Island of Alderney.
Owner Walter H. Dupee, Santee, Cal.
Born Feb. 4, 1907. *Calved* Dec. 2, 1915.
Served June 20, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by California Agricultural Experiment Station.

Official Year's Record, Class A

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Dec.	7, 1915,	951.60	4.66	44.34
Jan.,	1916,	1277.40	4.30	54.93
Feb.,	"	1160.50	3.93	45.61
Mar.,	"	1179.10	4.44	52.35
Apr.,	"	1122.70	4.30	48.28
May,	"	1119.50	4.53	50.71
June,	"	1067.50	4.38	46.76
July,	"	1022.60	4.57	46.73
Aug.,	"	954.50	4.57	43.62
Sept.,	"	870.80	4.64	40.41
Oct.,	"	844.70	4.76	40.21
Nov.,*	"	720.80	5.17	37.27
Dec.	6, "	No record given.		
Total		**12291.70**	**4.48 Av.**	**551.22**

*1 day lacking.

Owner's Statement of Feed

Dec.—14 lbs. grain daily of 5 lbs. bran, 1 lb. corn meal, 4 lbs. ground oats, 1.5 lbs. cottonseed meal, and 2.5 lbs. soy bean meal; 5 lbs. beet pulp, 15 lbs. ensilage, 8 lbs. oat hay, 7 lbs. alfalfa.

Jan.—15 lbs. grain daily of 5 lbs. bran, 1 lb. each corn meal and molasses meal, 4 lbs. ground oats, 1.5 lbs. cottonseed meal, and 2.5 lbs. soy bean meal; 3 lbs. beet pulp, 25 lbs. ensilage, 5 lbs. oat hay, 10 lbs. alfalfa.

Feb.—14.5 lbs. grain daily of 5 lbs. bran, 1 lb. each corn meal and molasses meal, 4 lbs. ground oats, 1.5 lbs. cottonseed meal, and 2 lbs. soy bean meal; 3 lbs. beet pulp, 25 lbs. ensilage, 5 lbs. oat hay, 10 lbs. alfalfa.

Mar.—15.5 lbs. grain daily of 5 lbs. bran, 1.5 lbs. corn meal, 4 lbs. ground oats, 1 lb. each cottonseed meal and molasses meal, 2.5 lbs. soy bean meal, and .5 lb. oil meal; 25 lbs. ensilage, 5 lbs. oat hay, 10 lbs. alfalfa.

Apr.—Same grain ration as March; 25 lbs. ensilage, 5 lbs. each oat hay and green alfalfa, 10 lbs. alfalfa hay.

May—15 lbs. grain daily of 5 lbs. each bran and ground oats, 1.5 lbs. each corn meal, cottonseed meal, and soy bean meal, and .5 lb. oil meal; 3 lbs. beet pulp, 25 lbs. ensilage, 6 lbs. oat hay, 7 lbs. green alfalfa, 10 lbs. alfalfa hay.

June—Same ration as given in May.

July—15.5 lbs. grain daily of 5 lbs. each bran and ground oats, 1 lb. each corn meal, Ajax Flakes, Unicorn Dairy Ration, and oil meal, and 1.5 lbs. cottonseed meal; 25 lbs. each green beets and ensilage, 8 lbs. oat hay, 10 lbs. alfalfa.

Aug.—15 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. corn meal, 250 lbs. ground oats, 125 lbs. Ajax Flakes, 75 lbs. cottonseed meal, 50 lbs. oil meal; 15 lbs. green beets, 25 lbs. ensilage, 8 lbs. oat hay, 10 lbs. alfalfa.

Sept.—12 lbs. grain daily of the following mixture with .5 lb. molasses added: 300 lbs. bran, 400 lbs. ground oats, 125 lbs. Ajax Flakes, 100 lbs. each Unicorn Dairy Ration, cottonseed meal, and oil meal; 25 lbs. beets, ensilage, oat hay, green and dry alfalfa.

Oct.—11 lbs. grain daily of the following mixture: 300 lbs. bran, 200 lbs. each ground oats, ground barley, and Unicorn Dairy Ration, 125 lbs. Ajax Flakes, 100 lbs. each cottonseed meal and oil meal; 20 lbs. green beets, 5 lbs. ensilage, oat hay and alfalfa.

Nov.—8 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. each corn meal, cottonseed meal, oil meal, and soy bean meal, 200 lbs. each ground oats, ground barley, and Unicorn Dairy Ration, 125 lbs. Ajax Flakes; 20 lbs. green beets, 5 lbs. ensilage, oat hay and alfalfa.

5117 Imp. Delia of Sarnia 58758

Sire Imp. Alderney Raymond 26357 A. R.
Sire Masher R. A. A. S. 63 F. S., A. R.
Dam Lively II. R. A. A. S. 346 F. S.
Dam Lily of the Square R. A. A. S. 1148 P. S.
Sire Masher R. A. A. S. 63 F. S., A. R.
Dam Daisy of the Square R. A. A. S. 595 F. S.
Breeder T. D. Le Cocq, Island of Alderney.
Owner Walter H. Dupee, Santee, Cal.
Born June 15, 1913. *Calved* Jan. 3, 1916.
Served June 27, 1916.
Requirement for admission: 271.70 lbs. butter fat.
Supervised by California Agricultural Experiment Station.

Official Year's Record, Class F

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Jan.	14, 1916,	586.30	3.42	20.05
Feb.,	"	1035.40	3.42	35.41
Mar.,	"	1058.00	3.80	40.20
Apr.,	"	1042.30	3.95	41.17
May,	"	1020.00	4.22	43.04
June,	"	980.90	3.96	38.84
July,	"	934.70	4.36	40.75
Aug.,	"	888.20	4.34	38.55
Sept.,	"	845.80	4.54	38.40
Oct.,	"	807.40	4.83	39.00
Nov.,	"	799.60	4.92	39.34
Dec.,	"	753.70	5.06	38.14
Jan.	13, 1917,	215.60	5.06	10.91
Total		**10967.90**	**4.23 Av.**	**463.80**

Owner's Statement of Feed

Jan.—10 lbs. grain daily of 3 lbs. each bran and ground oats, .5 lb. each corn meal and cottonseed meal, 2 lbs. soy bean meal, and 1 lb. molasses meal; 3 lbs. beet pulp, 20 lbs. ensilage, 4 lbs. oat hay, 8 lbs. alfalfa.

Feb.—14.5 lbs. grain daily of 5 lbs. bran, 2 lbs. corn meal, 4 lbs. ground oats, 1 lb. each cottonseed meal and molasses meal, and 1.5 lbs. soy bean meal; 3 lbs. beet pulp, 18 lbs. ensilage, 5 lbs. oat hay, 10 lbs. alfalfa.

Mar.—14 lbs. grain daily of 4 lbs. each bran and ground oats, 1.5 lbs. corn meal, 1 lb. each cottonseed meal and molasses meal, 2 lbs. soy bean meal, and .5 lb. oil meal; 25 lbs. ensilage, 5 lbs. each oat hay and green alfalfa, 10 lbs. alfalfa hay.

Apr.—Same grain ration as March; 25 lbs. ensilage, 5 lbs. each oat hay and green alfalfa, 10 lbs. alfalfa hay.

May—13.5 lbs. grain daily of 4 lbs. each bran and ground oats, 2 lbs. each corn meal and soy bean meal, 1 lb. cottonseed meal, and .5 lb. oil meal; 3 lbs. beet pulp, 25 lbs. ensilage, 7 lbs. green alfalfa, 6 lbs. oat hay, 10 lbs. alfalfa hay.

June—Same ration as given in May.

July—13 lbs. grain daily of 4 lbs. each bran and ground oats, 1 lb. each corn meal, Ajax Flakes, Unicorn Dairy Ration, cottonseed meal, and oil meal; 25 lbs. each beets and ensilage, 8 lbs. oat hay, 10 lbs. alfalfa.

Aug.—12 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. corn meal, 250 lbs. ground oats, 125 lbs. Ajax Flakes, 75 lbs. cottonseed meal, 50 lbs. oil meal; 10 lbs. beets, 20 lbs. ensilage, 5 lbs. oat hay, 10 lbs. alfalfa.

Sept.—12.5 lbs. grain daily, 12 lbs. of the following mixture with .5 lb. molasses added: 300 lbs. bran, 400 lbs. ground oats, 125 lbs. Ajax Flakes, 100 lbs. each Unicorn Dairy Ration, cottonseed meal, and oil meal; 22 lbs. beets, ensilage, green and dry alfalfa, oat hay.

Oct.—10 lbs. grain daily of the following mixture: 300 lbs. bran, 200 lbs. each oats, ground barley, and Unicorn Dairy Ration, 125 lbs. Ajax Flakes, 100 lbs. each cottonseed meal and oil meal; 20 lbs. beets, 5 lbs. ensilage, oat hay and alfalfa.

Nov.—10 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. each corn meal, cottonseed meal, oil meal, and soy bean meal, 200 lbs. each oats, ground barley, and Unicorn Dairy Ration, 125 lbs. Ajax Flakes; 25 lbs. beets, 5 lbs. ensilage, oat hay and alfalfa.

Dec.—10 lbs. grain daily of the following mixture: 300 lbs. each bran and oats, 100 lbs. each corn meal, ground barley, and soy bean meal, 250 lbs. Ajax Flakes, 200 lbs. each cottonseed meal and oil meal; 12 lbs. ensilage, 45 lbs. beets, oat hay and alfalfa.

Jan.—Same ration as given in December.

5118 Imp. Doctress of Sarnia 58760

Sire Brilliant of the Grée II. R. G. A. S. 2944 P. S.
Sire Imp. The Conqueror III. 19815 A. R.
Dam Buttercup du Pont R. G. A. S. 3448 F. S.
Dam Tulip des Sages R. G. A. S. 3850 F. S.
Sire On Guernsey.
Dam On Guernsey.
Breeder Peter de la Mare, Island of Guernsey.
Owner Walter H. Dupee, Santee, Cal.
Born June 28, 1913. *Calved* Dec. 9, 1915.
Served June 24, 1916.
Requirement for admission: 270.60 lbs. butter fat.
Supervised by California Agricultural Experiment Station.

Official Year's Record, Class F

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Jan.	16, 1916,	536.20	3.60	19.30
Feb.,	"	1000.00	3.60	36.00
Mar.,	"	1036.70	3.95	40.95
Apr.,	"	982.20	3.90	38.31
May,	"	804.10	4.75	38.19
June,	"	894.10	3.88	34.69
July,	"	886.10	4.08	36.15
Aug.,	"	868.70	4.16	36.14
Sept.,	"	850.10	4.30	36.55
Oct.,	"	839.90	4.64	38.97
Nov.,	"	894.90	5.03	45.01
Dec.,	"	954.90	4.63	44.21
Jan.	15, 1917,	459.90	4.63	21.29
Total		**11007.80**	**4.23 Av.**	**465.76**

Owner's Statement of Feed

Jan.—10 lbs. grain daily of 3 lbs. each bran and ground oats, .5 lb. each corn meal and cottonseed meal, 1 lb. molasses, and 2 lbs. soy bean meal; 3 lbs. beet pulp, 20 lbs. ensilage, 4 lbs. oat hay, 8 lbs. alfalfa.

Feb.—14.5 lbs. grain daily of 5 lbs. bran, 2 lbs. corn meal, 4 lbs. ground oats, 1 lb. each cottonseed meal and molasses, and 1.5 lbs. soy bean meal; 3 lbs. beet pulp, 18 lbs. ensilage, 5 lbs. oat hay, 9 lbs. alfalfa.

Mar.—15 lbs. grain daily of 5 lbs. bran, 1.5 lbs. corn meal, 4 lbs. ground oats, 1 lb. each cottonseed meal and molasses, .5 lb. oil meal, and 2 lbs. soy bean meal; 25 lbs. ensilage, 5 lbs. each oat hay and green alfalfa, 10 lbs. alfalfa hay.

Apr.—Same grain ration as March; 25 lbs. ensilage, green alfalfa, 5 lbs. oat hay, 10 lbs. alfalfa hay.

May—13.5 lbs. grain daily of 4 lbs. each bran and ground oats, 2 lbs. each corn meal and soy bean meal, 1 lb. cottonseed meal, and .5 lb. oil meal; 3 lbs. beet pulp, 25 lbs. ensilage, 7 lbs. green alfalfa, 6 lbs. oat hay, 10 lbs. alfalfa hay.

June—Same ration as given in May.

July—13 lbs. grain daily of 4 lbs. each bran and ground oats, 1 lb. each corn meal, Ajax Flakes, Unicorn Dairy Ration, cottonseed meal, and oil meal; 25 lbs. each beets and ensilage, 8 lbs. oat hay, 10 lbs. alfalfa.

Aug.—12 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. corn meal, 250 lbs. ground oats, 125 lbs. Ajax Flakes, 75 lbs. cottonseed meal, 50 lbs. oil meal; 10 lbs. beets, 20 lbs. ensilage, 5 lbs. oat hay, 10 lbs. alfalfa.

Sept.—12.5 lbs. grain daily, 12 lbs. of the following mixture with .5 lb. molasses added: 300 lbs. bran, 400 lbs. ground oats, 125 lbs. Ajax Flakes, 100 lbs. each Unicorn Dairy Ration, cottonseed meal, and oil meal; 22 lbs. beets, ensilage, green and dry alfalfa, oat hay.

Oct.—10 lbs. grain daily of the following mixture: 300 lbs. bran, 200 lbs. each ground oats, ground barley, and Unicorn Dairy Ration, 125 lbs. Ajax Flakes, 100 lbs. each cottonseed meal and oil meal; 20 lbs. beets, 5 lbs. ensilage, oat hay and alfalfa.

Nov.—10 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. each corn meal, cottonseed meal, oil meal, and soy bean meal, 200 lbs. each ground oats, ground barley, and Unicorn Dairy Ration, 125 lbs. Ajax Flakes; 25 lbs. beets, 5 lbs. ensilage, oat hay and alfalfa.

Dec.—11 lbs. grain daily of the following mixture: 300 lbs. each bran and ground oats, 100 lbs. each corn meal, ground barley, and soy bean meal, 250 lbs. Ajax Flakes, 200 lbs. each cottonseed meal and oil meal; 12 lbs. ensilage, 50 lbs. beets, oat hay and alfalfa.

Jan.—Same ration as given in December.

5119 Imp. Miss Violet of St. Andrew's 60626

Sire Imp. Raymond's Pearl King 24301 A. R.
Sire Imp. Raymond of the Préel IV. 19235 A. R.
Dam Princess May of the Hunguets IV. R. G. A. S. 7574 P. S.
Dam Miss Violet R. G. A. S. 4835 F. S.
Sire On Guernsey.
Dam On Guernsey.
Breeder Thomas Mauger, Island of Guernsey.
Owner Walter H. Dupee, Santee, Cal.
Born Aug. 18, 1913. *Calved* Jan. 20, 1916.
Served Dec. 23, 1916.
Requirement for admission: 267.10 lbs. butter fat.
Supervised by California Agricultural Experiment Station.

Official Year's Record, Class G

	Milk	Butter Fat	
	lbs.	%	lbs.
Feb. 1, 1916,	905.90	4.87	44.12
Mar., "	1007.40	5.28	53.19
Apr., "	984.90	5.91	58.21
May, "	953.00	6.16	58.70
June, "	862.60	5.73	49.43
July, "	743.00	7.02	52.16
Aug., "	647.50	7.54	48.82
Sept., "	612.40	7.78	47.64
Oct., "	574.60	7.73	44.42
Nov., "	610.60	8.00	48.85
Dec., "	589.60	8.29	48.88
Jan. 31, 1917,	612.80	8.12	49.76
Total	**9104.30**	**6.64 Av.**	**604.18**

Owner's Statement of Feed

Feb.—14 lbs. grain daily of 5 lbs. bran, 1 lb. each corn meal, cottonseed meal, and molasses, 4 lbs. ground oats, and 2 lbs. soy bean meal; 3 lbs. beet pulp, 18 lbs. ensilage, 5 lbs. oat hay, 9 lbs. alfalfa.

Mar.—18 lbs. grain daily of 6 lbs. bran, 2 lbs. each corn meal and soy bean meal, 5 lbs. ground oats, 1 lb. cottonseed meal, 1.5 lbs. molasses, and .5 lb. oil meal; 25 lbs. ensilage, 6 lbs. green alfalfa, 5 lbs. oat hay, 10 lbs. alfalfa hay.

Apr.—18 lbs. grain daily of 6 lbs. bran, 2 lbs. each corn meal and soy bean meal, 5 lbs. ground oats, 1 lb. cottonseed meal, 1.5 lbs. molasses, and .5 lb. oil meal; 25 lbs. ensilage, 6 lbs. green alfalfa, 5 lbs. oat hay, 10 lbs. alfalfa.

May—13.5 lbs. grain daily of 4 lbs. each bran and ground oats, 2 lbs. each corn meal and soy bean meal, 1 lb. cottonseed meal, .5 lb. oil meal; 3 lbs. beet pulp, 25 lbs. ensilage, 7 lbs. green alfalfa, 6 lbs. oat hay, 10 lbs. alfalfa hay.

June—Same ration as given in May.

July—15 lbs. grain daily of 5 lbs. bran, 1 lb. each corn meal, Unicorn Dairy Ration, cottonseed meal, and oil meal, 4 lbs. ground oats, 2 lbs. Ajax Flakes; 25 lbs. each beets and ensilage, 8 lbs. oat hay, 10 lbs. alfalfa.

Aug.—16 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. corn meal, 250 lbs. oats, 125 lbs. Ajax Flakes, 75 lbs. cottonseed meal, 50 lbs. oil meal; 12 lbs. beets, 20 lbs. ensilage, 8 lbs. oat hay, 10 lbs. alfalfa.

Sept.—11.5 lbs. grain daily, 11 lbs. of the following mixture with .5 lb. molasses added: 300 lbs. bran, 400 lbs. ground oats, 125 lbs. Ajax Flakes, 100 lbs. each Unicorn Dairy Ration, cottonseed meal, and oil meal; 18 lbs. beets, ensilage, green and dry alfalfa, oat hay.

Oct.—9 lbs. grain daily of the following mixture: 300 lbs. bran, 200 lbs. each ground oats, ground barley, and Unicorn Dairy Ration, 125 lbs. Ajax Flakes, 100 lbs. each cottonseed meal and oil meal; 20 lbs. beets, 5 lbs. ensilage, oat hay and alfalfa.

Nov.—9 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. each corn meal, cottonseed meal, oil meal, and soy bean meal, 200 lbs. each ground oats, ground barley, and Unicorn Dairy Ration, 125 lbs. Ajax Flakes; 20 lbs. beets, 5 lbs. ensilage, oat hay and alfalfa.

Dec.—9 lbs. grain daily of the following mixture: 300 lbs. each bran and ground oats, 100 lbs. each corn meal, ground barley, and soy bean meal, 250 lbs. Ajax Flakes, 200 lbs. each cottonseed meal and oil meal; 40 lbs. beets, 12 lbs. ensilage, oat hay and alfalfa.

Jan.—Same grain ration as December; 1 lb. beet pulp, 25 lbs. beets, 10 lbs. ensilage, oat hay and alfalfa.

5120 Imp. Hayes Felois 10th 59868

Sire Imp. Hayes Cherub 2d 25147 A. R.
Sire Hayes Branch 2034 E. G. H. B.
Dam Imp. Hayes Golden Cherry 3d 44965.
Dam Imp. Hayes Felois 4th 53139.
Sire Coronation King 1556 E. G. H. B. On Guernsey R. G. A. S. 1317 P. S., A. R.
Dam Felois 4436 E. G. H. B. On Guernsey 6152 G. H. B.
Breeder Sir Everard A. Hambro, England.
Owner Walter H. Dupee, Santee, Cal.
Born Aug. 25, 1913. *Calved* Jan. 21, 1916.
Served July 11, 1916.
Requirement for admission: 266.40 lbs. butter fat.
Supervised by California Agricultural Experiment Station.

Official Year's Record, Class G

	Milk	Butter Fat	
	lbs.	%	lbs.
Feb. 1, 1916,	950.00	4.28	40.66
Mar., "	1048.90	4.18	43.84
Apr., "	998.90	4.46	44.55
May, "	980.20	5.22	51.17
June, "	951.70	4.65	44.25
July, "	900.70	4.96	44.67
Aug., "	942.40	4.99	47.03
Sept., "	913.70	5.11	46.69
Oct., "	947.10	5.07	48.02
Nov., "	893.50	5.13	45.84
Dec., "	869.40	5.45	47.38
Jan. 31, 1917,	876.10	5.69	49.85
Total	**11272.60**	**4.91 Av.**	**553.95**

Owner's Statement of Feed

Feb.—14 lbs. grain daily of 5 lbs. bran, 1 lb. each corn meal, cottonseed meal, and molasses, 4 lbs. ground oats, and 2 lbs. soy bean meal; 3 lbs. beet pulp, 18 lbs. ensilage, 5 lbs. oat hay, 10 lbs. alfalfa.

Mar.—14.5 lbs. grain daily of 5 lbs. bran, 1 lb. each corn meal, cottonseed meal, and molasses, 4 lbs. ground oats, .5 lb. oil meal, and 2 lbs. soy bean meal; 25 lbs. ensilage, 5 lbs. each oat hay and green alfalfa, 10 lbs. alfalfa hay.

Apr.—Same grain ration as March; 25 lbs. ensilage, 5 lbs. each oat hay and green alfalfa, 10 lbs. alfalfa hay.

May—13.5 lbs. grain daily of 4 lbs. each bran and ground oats, 2 lbs. each corn meal and soy bean meal, 1 lb. cottonseed meal, and .5 lb. oil meal; 3 lbs. beet pulp, 25 lbs. ensilage, 7 lbs. green alfalfa, 6 lbs. oat hay, 10 lbs. alfalfa hay.

June—Same ration as given in May.

July—12 lbs. grain daily of 4 lbs. each bran and ground oats, 1 lb. each corn meal, Ajax Flakes, Unicorn Dairy Ration, and cottonseed meal; 25 lbs. each beets and ensilage, 8 lbs. oat hay, 10 lbs. alfalfa.

Aug.—12 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. corn meal, 250 lbs. ground oats, 125 lbs. Ajax Flakes, 75 lbs. cottonseed meal, 50 lbs. oil meal; 15 lbs. beets, 25 lbs. ensilage, 8 lbs. oat hay, 10 lbs alfalfa.

Sept.—10.5 lbs. grain daily, 10 lbs. of the following mixture with .5 lb. molasses added: 300 lbs. bran, 400 lbs. ground oats, 125 lbs. Ajax Flakes, 100 lbs. each Unicorn Dairy Ration, cottonseed meal, and oil meal; 25 lbs. beets, ensilage, oat hay, green and dry alfalfa.

Oct.—10 lbs. grain daily of the following mixture: 300 lbs. bran, 200 lbs. each ground oats, ground barley, and Unicorn Dairy Ration, 125 lbs. Ajax Flakes, 100 lbs. each cottonseed meal and oil meal; 25 lbs. beets, 5 lbs. ensilage, oat hay and alfalfa.

Nov.—10 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. each corn meal, soy bean meal, cottonseed meal, and oil meal, 200 lbs. each ground barley, ground oats, Unicorn Dairy Ration, 125 lbs. Ajax Flakes; 25 lbs. beets, oat hay, green and dry alfalfa.

Dec.—10 lbs. grain daily of the following mixture: 300 lbs. each bran and ground oats, 100 lbs. each corn meal, ground barley, and soy bean meal, 250 lbs. Ajax Flakes, 200 lbs. each cottonseed meal and oil meal; 35 lbs. beets, 15 lbs. ensilage, oat hay and alfalfa.

Jan.—11 lbs. grain daily same mixture as December; 1 lb. beet pulp, 30 lbs. beets, 12 lbs. ensilage, barley hay and alfalfa.

5121 Cherry of Lone Pine 46028

Sire Imp. Gay Lad of Lone Pine 17684.
Sire Imp. Raymond of the Préel IV. 19235 A. R.
Dam Imp. Daisy des Paysans 31941 A. R. 4084.
Dam Imp. Ma Petite II. 31936 A. R. 3598.
Sire Queen's Admiral R. G. A. S. 1446 P. S.
Dam Ma Petite R. G. A. S. 2503 F. S.
Breeder F. D. Stout, Angus, Wis.
Owner F. D. Stout, Angus, Wis.
Born Apr. 18, 1913. *Calved* Dec. 16, 1915.
Served May 23, 1916.
Requirement for admission: 275.10 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class F

	Milk	Butter Fat	
	lbs.	%	lbs.
Dec. 21, 1915,	291.90	4.33	12.64
Jan., 1916,	893.50	3.92	35.03
Feb., "	839.50	4.17	35.01
Mar., "	870.50	4.26	37.08
Apr., "	786.20	3.95	31.05
May, "	858.50	4.25	36.49
June, "	804.20	4.60	36.99
July, "	727.20	4.52	32.85
Aug., "	690.00	4.63	31.95
Sept., "	606.30	4.76	28.86
Oct., "	588.20	5.11	30.06
Nov., "	508.30	5.34	27.14
Dec. 20, "	329.90	5.34	17.62
Total	**8794.20**	**4.47 Av.**	**392.77**

Owner's Statement of Feed

Dec.—8 lbs. grain daily of 2 lbs. each bran and corn meal, 3 lbs. ground oats, and 1 lb. oil meal; 15 lbs. roots, 10 lbs. ensilage, 5 lbs. alfalfa.

Jan.—8.5 lbs. grain daily of 2 lbs. each bran and oil meal; 3 lbs. corn meal, and 1.5 lbs. ground oats; 20 lbs. roots, 10 lbs. ensilage, 15 lbs. hay.

Feb.—12 lbs. grain daily of 3 lbs. each bran, ground oats, and gluten, 2 lbs. corn meal, and 1 lb. oil meal; 40 lbs. roots, alfalfa.

Mar.—12 lbs. grain daily of 3 lbs. each bran, corn meal, and ground oats, and 1.5 lbs. each Ajax Flakes and oil meal; 40 lbs. roots, alfalfa.

Apr.—12.5 lbs. grain daily of 3 lbs. bran, 2.5 lbs. corn meal, 3.5 lbs. ground oats, 2 lbs. Ajax Flakes, and 1.5 lbs. oil meal; 20 lbs. each roots and alfalfa, 15 lbs. ensilage.

May—13.5 lbs. grain daily of 3 lbs. each bran and ground oats, 2.5 lbs. corn meal, 2 lbs. Ajax Flakes, and 1.5 lbs. each gluten and oil meal; 15 lbs. each roots and ensilage, alfalfa.

June—9 lbs. grain daily of 4 lbs. bran, 2 lbs. each groun oats and oil meal, and 1 lb. barley; pasture.

July—10 lbs. grain daily of 4 lbs. bran and 2 lbs. each ground oats, barley, and oil meal; hay or grass in barn, pasture.

Aug.—10 lbs. grain daily to the 15th of 4 lbs. bran and 2 lbs. each ground oats, barley, and oil meal, then 9 to 11 lbs. of 4 lbs. bran, 1 to 2 lbs. corn meal, 2 to 3 lbs. ground oats, and 2 lbs. oil meal; alfalfa and pasture.

Sept.—9 lbs. grain daily of 3 lbs. each bran and ground oats and 1 lb. each corn meal, barley, and oil meal; alfalfa and pasture.

Oct.—9 lbs. grain daily of the following mixture: 150 lbs. bran, 200 lbs. ground oats, 100 lbs. each barley and O. P. oil meal; 25 lbs. ensilage, alfalfa.

Nov.—9 lbs. grain daily of the following mixture: 200 lbs. each bran and ground oats, 150 lbs. each corn meal and ground barley, 100 lbs. each gluten feed and oil meal; 12 lbs. roots, 25 lbs. ensilage, hay.

Dec.—12 lbs. grain daily of the following mixture: 100 lbs bran, 150 lbs. each corn meal, barley, and ground oats, 50 lbs. each Ajax Flakes and oil meal; 6 lbs. beet pulp, 20 lbs ensilage, hay.

5122 Clara's Victime 48568

Sire Imp. Clara's Sequel's Son 19741.
Sire Imp. Clara's Sequel 29414 A. R.
Dam Imp. Nelly III. of la Croisée 35772.
Dam Imp. Lady Victime of Never Never Land 39278.
Sire Imp. Lord Mar V. 18961.
Dam Imp. Victime IX. 35758.
Breeder Thomas M. Turner, Shelter Island, N. Y.
Owner C. W. Barron, Cohasset, Mass.
Born July 6, 1913. *Calved* Jan. 9, 1916.
Served Oct. 30, 1916.
Requirement for admission: 270.20 lbs. butter fat.
Supervised by Massachusetts Agricultural Experiment Station.

Official Year's Record, Class F

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Jan.	20, 1916,	328.40	4.28	14.06
Feb.,	"	808.30	4.55	36.78
Mar.,	"	824.80	4.76	39.26
Apr.,	"	730.40	4.77	34.84
May,	"	734.00	4.76	34.94
June,	"	658.50	5.08	33.45
July,	"	600.90	5.30	31.85
Aug.,	"	601.50	5.00	30.08
Sept.,	"	535.90	5.35	28.67
Oct.,	"	525.50	6.14	32.27
Nov.,	"	445.60	6.28	27.98
Dec.,	"	467.60	5.49	25.67
Jan.	19, 1917,	282.50	6.03	17.03
Total		**7543.90**	**5.13 Av.**	**386.88**

Owner's Statement of Feed

Jan.—5 lbs. grain daily of the following mixture: 150 lbs. each bran and Brewers' Grains, 100 lbs. each hominy, ground oats, Ajax Flakes, gluten, and oil meal, 50 lbs. cottonseed meal; 4 lbs. beet pulp, 10 lbs. each ensilage and alfalfa.

Feb.—9 lbs. grain daily same mixture as January; 6 lbs. beet pulp, 10 lbs. each ensilage and alfalfa.

Mar.—10 lbs. grain daily of the following mixture: 150 lbs. each bran, Brewers' Grains, and Ajax Flakes, 100 lbs. each hominy, Schumacher Feed, gluten, and oil meal, 50 lbs. cottonseed meal; 6 to 8 lbs. beet pulp, 8 lbs. ensilage, 10 to 12 lbs. alfalfa.

Apr.—9 lbs. grain daily same mixture as March; 5 lbs. beet pulp, 10 lbs. each ensilage and alfalfa.

May—9 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each hominy, Ajax Flakes, Biles XXXX, Schumacher Feed, gluten, and oil meal, 125 lbs. Brewers' Grains, 50 lbs. cottonseed meal; 6 lbs. beet pulp, 10 lbs. each ensilage and alfalfa.

June—Same grain ration as April; 6 lbs. beet pulp, 9 lbs. each ensilage and alfalfa.

July—7 lbs. grain daily of the following mixture: 150 lbs. each bran, Ajax Flakes, Brewers' Grains, and Schumacher Feed, 100 lbs. each hominy, gluten, and oil meal, 50 lbs. cottonseed meal; 4 lbs. beet pulp, 9 lbs. ensilage, 10 lbs. alfalfa.

Aug.—Same grain ration as July; 4 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. alfalfa.

Sept.—Same ration as given in August.

Oct.—6 lbs. grain daily of the following mixture: 300 lbs. each bran and Ajax Flakes, 192 lbs. ground oats, 200 lbs. each corn meal, Brewers' Grains, gluten, cottonseed meal, and oil meal; 6 lbs. beet pulp, 8 lbs. each ensilage and alfalfa.

Nov.—6 lbs. grain daily of the following mixture: 300 lbs. each bran and Ajax Flakes, 200 lbs. each corn meal, ground oats, Brewers' Grains, gluten, cottonseed meal, and oil meal; 6 lbs. beet pulp, 10 lbs. each ensilage and alfalfa.

Dec.—Same grain ration as October; 6 lbs. beet pulp, 8 lbs. each ensilage and alfalfa.

Jan.—5 lbs. grain daily same mixture as October; 6 lbs. beet pulp, 8 lbs. each ensilage and alfalfa.

5123 Imp. Robin 5th de Carteret 40630

Sire Victor des Hougues Magues 2108 E. G. H. B.
Sire Imp. Galaxy's Sequel 16904 A. R.
Dam Flora des Hougues Magues R. G. A. S. 3039 F. S.
Dam Robin 2d de Carteret 7071 E. G. H. B.
Sire On Guernsey.
Dam On Guernsey Robin of Carteret.
Breeder Col. H. W. Shakerley, England.
Owner E. C. Peck, Macedonia, Ohio.
Born May 13, 1910. *Calved* July 6, 1915.
Served June 17, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised under one day test by Ohio State University, Columbus, Ohio.

Official Year's Record, Class A

		Milk lbs.	Butter Fat %	Butter Fat lbs.
July	10, 1915,	741.20	5.46	40.47
Aug.,	"	1099.00	4.47	49.13
Sept.,	"	1089.10	3.54	38.55
Oct.,	"	1037.70	4.70	48.77
Nov.,	"	902.00	4.61	41.58
Dec.,	"	910.80	4.40	40.08
Jan.,	1916,	883.90	4.19	37.04
Feb.,	"	656.10	4.64	30.44
Mar.,	"	622.40	4.71	29.32
Apr.,	"	520.60	5.29	27.54
May,	"	512.90	4.53	23.23
June,	"	401.40	4.31	17.30
July	9, "	108.70	4.74	5.15
Total		**9485.80**	**4.52 Av.**	**428.60**

Owner's Statement of Feed

July—264 lbs. grain of the following mixture: 100 lbs. each corn meal and ground oats, 25 lbs. gluten, 50 lbs. oil meal, 75 lbs. beet pulp; 630 lbs. ensilage, 210 lbs. alfalfa.

Aug.—372 lbs. grain same mixture as given in July; 930 lbs. ensilage, 310 lbs. alfalfa.

Sept.—360 lbs. grain same mixture as given in July; 600 lbs. hay, pasture.

Oct.—372 lbs. grain of the following mixture: 50 lbs. each bran, oats, cottonseed meal, and cocoanut meal, 100 lbs. corn meal, 25 lbs. gluten, 75 lbs. beet pulp; green corn to the 10th, timothy hay.

Nov.—360 lbs. grain same mixture as October; 50 lbs. ensilage, mixed hay.

Dec.—310 lbs. grain of the following mixture: 114 lbs. bran, 22 lbs. each (corn and cob) meal and cocoanut meal, 65 lbs. ground oats, 54 lbs. gluten, 32 lbs. cottonseed meal, 11 lbs. oil meal; 190 lbs. beet pulp, 775 lbs. ensilage, 400 lbs. hay.

Jan.—Same ration as given in December.

Feb.—290 lbs. grain same mixture as December; 174 lbs. beet pulp, 725 lbs. ensilage, 362.5 lbs. hay.

Mar.—372 lbs. grain same mixture as December; 190 lbs. beet pulp, 775 lbs. ensilage, 400 lbs. hay.

Apr.—330 lbs. grain of the following amounts: 52 lbs. bran, 106 lbs. corn and cob meal, 80 lbs. ground oats, 26 lbs. each ground barley, gluten, and cottonseed meal, 14 lbs. oil meal; 750 lbs. ensilage, 300 lbs. hay.

May—372 lbs. grain of the following amounts: 217 lbs. bran, 31 lbs. each (corn and cob) meal and ground barley, 93 lbs. gluten; 930 lbs. ensilage, 155 lbs. stover, 250 lbs. mixed hay, pasture.

June—315 lbs. grain of equal parts bran, (corn and cob) meal, and ground barley; 750 lbs. ensilage, 50 lbs. stover, 150 lbs. hay, pasture.

July—54 lbs. grain same mixture as June; 270 lbs. ensilage, 90 lbs. alfalfa, pasture.

5124 France's Expectation of Wawa 40288

Sire Imp. France's Jewel V. 11396 A. R.
Sire Imp. Masher's Sequel 11462 A. R.
Dam France VI. R. G. A. S. 4620 P. S.
Dam Lady Expectation 16847 A. R. 437.
Sire Golden Sultan 5179.
Dam Peggy Short 11780 A. R. 1471.
Breeder George Wood, Wawa, Pa.
Owner George Wood, Wawa, Pa.
Born May 18, 1910. *Calved* Jan. 24, 1916.
Served June 9, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised under one day test by Pennsylvania Agricultural Experiment Station.

Official Year's Record, Class A

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Feb.	1, 1916,	943.50	4.42	41.70
Mar.,	"	1043.70	3.88	40.50
Apr.,	"	950.20	5.11	48.56
May,	"	912.90	3.96	36.15
June,	"	840.50	4.38	36.81
July,	"	748.80	4.41	33.02
Aug.,	"	746.00	4.18	31.18
Sept.,	"	709.20	4.58	32.48
Oct.,	"	671.10	4.74	31.81
Nov.,	"	597.90	4.94	29.54
Dec.,	"	558.40	5.24	29.26
Jan.	31, 1917,	419.90	5.48	23.01
Total		**9142.10**	**4.53 Av.**	**414.02**

Owner's Statement of Feed

Feb.—9 lbs. grain daily of the following mixture: 200 lbs. each bran and Schumacher Feed, 25 lbs. gluten, 50 lbs. each cottonseed meal and oil meal; 2 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. alfalfa.

Mar.—9 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal and Schumacher Feed, 25 lbs. gluten, 50 lbs. each cottonseed meal and oil meal; 2 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. hay.

Apr.—9 lbs. grain daily of the following mixture: 200 lbs. each bran and Schumacher Feed, 100 lbs. cottonseed meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.

May—8 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal, Schumacher Feed, and cottonseed meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. alfalfa.

June—9 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal and Schumacher Feed, 50 lbs. each gluten and cottonseed meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.

July—9 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each hominy and Schumacher Feed, 50 lbs. each gluten and cottonseed meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.

Aug.—7.5 lbs. grain daily of the following mixture: 200 lbs. each bran and hominy, 100 lbs. cottonseed meal; 6 lbs. beet pulp, 10 lbs. hay.

Sept.—7.5 lbs. grain daily of the following mixture: 200 lbs. each bran and hominy, 50 lbs. each gluten and cottonseed meal; 6 lbs. beet pulp, 12 lbs. alfalfa.

Oct.—Same grain ration as September; 2 lbs. beet pulp, 25 lbs. ensilage, 11 lbs. hay.

Nov.—Same grain ration as September; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.

Dec.—9 lbs. grain daily of the following mixture: 200 lbs. each bran and (corn and cob) meal, 100 lbs. cottonseed meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.

Jan.—7.5 lbs. grain daily of the following mixture: 200 lbs. each bran and cob meal, 100 lbs. cottonseed meal; 2 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. hay.

5125 Begalore's Rosebud 63265

Sire Begalore's Prince 15557.
Sire Begalore 10101 A. R.
Dam Minnie Anchora 21634.
Dam Lark of Brookdale 38125 A. R. 3826.
Sire Glenwood Bishop 9186 A. R.
Dam Buttercup Lilly 21617 A. R. 3455.
Breeder S. R. Nissley, Manheim, Pa.
Owner S. R. Nissley, Manheim, Pa.
Born Aug. 1, 1913. *Calved* Jan. 29, 1916.
Served Sept. 10, 1916.
Requirement for admission: 268.80 lbs. butter fat.
Supervised under one day test by Pennsylvania Agricultural Experiment Station.

Official Year's Record, Class F

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Feb.	1, 1916,	908.00	5.25	47.67
Mar.,	"	1036.30	4.24	43.94
Apr.,	"	929.50	4.36	40.53
May,	"	908.20	4.23	38.42
June,	"	885.90	4.53	40.13
July,	"	821.10	4.92	40.40
Aug.,	"	766.80	4.48	34.35
Sept.,	"	654.80	5.59	36.60
Oct.,	"	620.30	5.13	31.82
Nov.,	"	603.90	5.59	33.76
Dec ,	"	620.30	4.98	30.89
Jan.	31, 1917,	562.50	5.19	29.19
Total		**9317.60**	**4.80 Av.**	**447.70**

Owner's Statement of Feed

Feb.—14 quarts grain daily of the following mixture: 200 lbs. bran, 100 lbs. each hominy and oil meal; .5 pint molasses, 2 quarts beet pulp, hay.

Mar.—Same ration as given in February.

Apr.—Same ration as given in February.

May—Same ration as given in February.

June—Same ration as given in February.

July—Same ration as given in February.

Aug.—10 quarts grain daily of the following mixture: 100 lbs. each bran, corn meal, hominy, gluten, cottonseed meal, and oil meal, 200 lbs. each ground oats and Ajax Flakes; .5 pint molasses, 2 quarts beet pulp, alfalfa and timothy hay.

Sept.—Same ration as given in August with pasture.

Oct.—9 quarts daily of the following mixture: 100 lbs. each bran, hominy, gluten, cottonseed meal, and oil meal, 200 lbs. ground oats; 1 pint molasses, ensilage, sweet corn stover, and alfalfa.

Nov.—Same ration as given in October.

Dec.—Same ration as given in October.

Jan.—Same ration as given in October.

5126 Fanny of Applecot 44595

Sire Shyster 11067 A. R.
Sire Loyal of Northbrook 4467.
Dam Shy 8354 A. R. 292.
Dam Gratitude of Applecot 24230.
Sire Blucher of Applecot 9354.
Dam Lone Sister 19111.
Breeder R. A. Borden, Schaghticoke, N. Y.
Owner Thomas H. Munro, Camillus, N. Y.
Born Feb. 20, 1913. *Calved* Feb. 3, 1916.
Served Apr. 28, 1916.
Requirement for admission: 285.30 lbs. butter fat.
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Official Year's Record, Class F

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Feb.	4, 1916,	862.60	4.54	39.16
Mar.,	"	1127.80	3.96	44.66
Apr.,	"	961.50	4.14	39.81
May,	"	904.30	4.33	39.16
June,	"	802.10	4.69	37.62
July,	"	707.40	4.36	30.84
Aug.,	"	622.60	4.23	26.34
Sept.,	"	392.80	5.73	22.51
Oct.,*	"	102.50	5.70	5.84
Nov.,	"	Dry.		
Dec.,	"	"		
Jan.,	1917,	"		
Feb.	3, "	"		
Total		**6483.60**	**4.41 Av.**	**285.94**

*6 days lacking.

Owner's Statement of Feed

Feb.—16 lbs. grain daily of 4 lbs. each bran and Ajax Flakes, 2 lbs. corn meal, and 6 lbs. ground oats; 12 lbs. roots, 30 lbs. ensilage, 10 lbs. alfalfa.

Mar.—14 lbs. grain daily of 4 lbs. each bran, ground oats, and Ajax Flakes, and 2 lbs. corn meal; 12 lbs. roots, 30 lbs. ensilage, 10 lbs. alfalfa.

Apr.—Same ration as given in March.

May—12.25 to 10 lbs. grain daily of the following mixture: 4 to 2 lbs. bran, 4 lbs. ground oats, 1 lb. corn meal, 3 lbs. Ajax Flakes, and .25 lb. oil meal to 25th; 12 to 5 lbs. roots to the 25th, 30 to 6 lbs. ensilage, 10 to 6 lbs. alfalfa, pasture after the 18th.

June—8 lbs. grain daily of equal parts bran, corn meal, Ajax Flakes, and oatmeal; pasture.

July—8 lbs. grain daily of equal parts bran, corn meal, ground oats, and Ajax Flakes; pasture.

Aug.—8 lbs. grain daily of equal parts bran, corn meal, and ground oats; pasture.

Sept.—8 lbs. grain daily equal parts bran, corn meal, ground oats, and Brewers' Grains; 12 lbs. ensilage from the 15th, pasture.

Oct.—Same grain ration as September; 25 lbs. ensilage, pasture.

Nov.—No record given.

Dec.—No record given.

Jan.—No record given.

Feb.—No record given.

5127 Queen of Brock Hill 51271

Sire Golden Noble of Pine Grove 18668.
Sire Imp. Panama Lad 15383 A. R.
Dam Imp. Prima Donna of the Isle 30249.
Dam Queen Alice 2d 38786.
Sire Radium Lyons 13359.
Dam Queen Alice 18696.
Breeder F. W. Davison, Hanover, N. H.
Owner Alfred L. Lincoln, Norwell, Mass.
Born Mar. 18, 1914. *Calved* Jan. 22, 1916.
Served Sept. 4, 1916.
Requirement for admission: 250.50 lbs. butter fat.
Supervised by Massachusetts Agricultural Experiment Station.

Official Year's Record, Class G

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Jan.	29, 1916,	88.50	4.17	3.69
Feb.,	"	1077.80	3.96	42.68
Mar.,	"	1165.70	3.98	46.39
Apr.,	"	998.90	4.76	47.55
May,	"	935.00	4.28	40.02
June,	"	908.90	4.13	37.54
July,	"	1001.60	4.20	42.07
Aug.,	"	1017.60	4.20	42.74
Sept.,	"	1003.20	4.15	41.63
Oct.,	"	1041.80	4.22	43.96
Nov.,	"	989.70	4.49	44.44
Dec.,	"	791.20	5.00	39.56
Jan.	28, 1917,	734.10	4.81	35.31
Total		**11754.00**	**4.32 Av.**	**507.58**

Owner's Statement of Feed

Jan.—6 lbs. grain daily of the following mixture: 300 lbs. each bran and Stock Feed, 100 lbs. each corn meal, cottonseed meal, and oil meal, 200 lbs. crushed oats; 3 lbs. beet pulp, 5 lbs. each alfalfa and clover hay.

Feb.—12 lbs. grain daily of the following mixture: 300 lbs. each bran and Unicorn Dairy Ration, 100 lbs. each corn meal, gluten, cottonseed meal, and oil meal, 200 lbs. each crushed oats and Brewers' Grains, 400 lbs. Stock Feed; 5 lbs. beet pulp, 10 lbs. beets, 20 lbs. ensilage, 9 lbs. alfalfa and clover hay.

Mar.—Same ration as given in February.

Apr.—Same ration as given in February.

May—Same ration as given in February.

June—Same grain ration as given in February with green feed and alfalfa.

July—Same ration as given in June.

Aug.—Same ration as given in June.

Sept.—Same grain ration as February; 5 lbs. beet pulp, 10 lbs. beets, 20 lbs. ensilage, 9 lbs. alfalfa and clover hay.

Oct.—Same ration as given in September.

Nov.—Same ration as given in September.

Dec.—10 lbs. grain daily same mixture as February; same roughage.

Jan.—10 lbs. grain daily of the following mixture: 800 lbs. each bran and Wirthmore Feed, 300 lbs. Ajax Flakes, 200 lbs. gluten, 100 lbs. each cottonseed meal and O. P. oil meal; 10 lbs. beet pulp, 25 lbs. ensilage, 9 lbs. alfalfa and clover hay.

5128 Dorla of Overland View 41859

Sire Waddington Sunrise 16815.
Sire Marshall of France 9051 A. R.
Dam Ona of Haddon 18185 A. R. 338.
Dam Doris W. of Edgemont 32813.
Sire Thelman 12728 A. R.
Dam Doris W. 22741.
Breeder W. S. McBane, East Liverpool, Ohio.
Owner W. S. McBane, East Liverpool, Ohio.
Born Sept. 3, 1912. *Calved* Dec. 20, 1915.
Served Nov. 15, 1916.
Requirement for admission: 302.00 lbs. butter fat.
Supervised under one day test by Ohio State University, Columbus, Ohio.

Official Year's Record, Class E

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Feb.	1, 1916,	794.30	5.64	44.80
Mar.,	"	803.30	5.67	45.55
Apr.,	"	767.70	5.57	42.76
May,	"	807.50	6.08	49.10
June,	"	738.50	6.17	45.57
July,	"	721.70	5.21	37.60
Aug.,	"	658.10	6.19	40.74
Sept.,	"	557.30	6.22	34.66
Oct.,	"	503.40	5.74	28.90
Nov.,	"	473.00	7.06	33.39
Dec.,	"	398.60	8.87	35.36
Jan.	31, 1917,	455.30	7.24	32.96
Total		**7678.70**	**6.14 Av.**	**471.39**

Owner's Statement of Feed

Feb.—406 lbs. grain: 45 lbs. bran, 18 lbs. each corn meal and ground oats, 270 lbs. Larro-Feed, 27 lbs. gluten, 9 lbs. cottonseed meal, 19 lbs. oil meal; 87 lbs. beet pulp, 625 lbs. ensilage, 116 lbs. each alfalfa and hay.

Mar.—465 lbs. grain: 434 lbs. Larro-Feed, 31 lbs. oil meal; 93 lbs. beet pulp, 868 lbs. ensilage, 155 lbs. alfalfa.

Apr.—439 lbs. grain: 19 lbs. bran, 5.7 lbs. each corn meal and ground rye, 7.6 lbs. ground oats, 333 lbs. Larro-Feed, 38 lbs. Union Grains, 30 lbs. oil meal; 72 lbs. beet pulp, 900 lbs. ensilage, 110 lbs. alfalfa to the 22d then 40 lbs. mixed hay, pasture.

May—395.5 lbs. grain: 15 lbs. bran, 315.5 lbs. Larro-Feed, 64 lbs. Unicorn Dairy Ration, 1 lb. oil meal; 310 lbs. ensilage, 31 lbs. hay, pasture.

June—300 lbs. grain: 180 lbs. Larro-Feed, 120 lbs. Unicorn Dairy Ration; 300 lbs. ensilage, 15 lbs. hay, pasture.

July—310 lbs. grain: 298 lbs. Larro-Feed, 12 lbs. Unicorn Dairy Ration; 15.5 lbs. hay, pasture.

Aug.—335 lbs. grain: 100 lbs. bran, 12.5 lbs. middlings, 97.5 lbs. Larro-Feed, 75 lbs. gluten, 25 lbs. each cottonseed meal and oil meal; 12.5 lbs. beet pulp, 15.5 lbs. hay, pasture.

Sept.—300 lbs. grain: 90 lbs. each bran and gluten, 30 lbs. each middlings, cottonseed meal, and oil meal, 15 lbs. each corn meal and ground oats; 15 lbs. hay, pasture.

Oct.—341 lbs. grain: 136.4 lbs. each bran and gluten, 34.1 lbs. each cottonseed meal and oil meal; 120 lbs. roots, 62 lbs. alfalfa, 124 lbs. hay.

Nov.—330 lbs. grain: 117 lbs. bran, 9 lbs. each corn meal and ground rye, 15 lbs. ground oats, 114 lbs. gluten, 33 lbs. each cottonseed meal and oil meal; 450 lbs. ensilage, 60 lbs. alfalfa, 120 lbs. hay.

Dec.—341 lbs. grain: 170.5 lbs. bran, 102.3 lbs. Unicorn Dairy Ration, 68.2 lbs. cottonseed meal; 620 lbs. ensilage, 124 lbs. alfalfa, 186 lbs. hay.

Jan.—341 lbs. grain: 136.4 lbs. bran, 68.2 lbs. each Unicorn Dairy Ration, gluten, and oil meal; 620 lbs. ensilage, 62 lbs. alfalfa, 186 lbs. hay.

5129 Yeoman's Mixter Anne 58064

Sire Yeoman's King of the May 17053 A. R.
Sire Imp. Yeoman 8618 A. R.
Dam Florham Daisy 18115 A. R. 792.
Dam Thirty Thousand Six Hundred Seventy Six 30676 A. R. 3217.
Sire Miss Elsie's Lord Hardwick 11311 A. R.
Dam Queen Anne of Hardwick 26254 A. R. 2519.
Breeder Est. George Mixter, Hardwick, Mass.
Owner Est. George Mixter, Hardwick, Mass.
Born Oct. 24, 1913. *Calved* Jan. 22, 1916.
Served Oct. 22, 1916.
Requirement for admission: 259.80 lbs. butter fat.
Supervised by Massachusetts Agricultural Experiment Station.

Official Year's Record, Class G

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Jan.	26, 1916,	157.40	5.22	8.22
Feb.,	"	919.40	5.22	47.99
Mar.,	"	923.90	5.33	49.24
Apr.,	"	867.20	4.87	42.23
May,	"	882.80	4.84	42.73
June,	"	833.20	4.85	40.41
July,	"	631.30	5.88	37.12
Aug.,	"	691.00	5.43	37.52
Sept.,	"	607.80	5.21	31.67
Oct.,	"	526.60	5.33	28.07
Nov.,	"	554.90	5.49	30.46
Dec.,	"	578.00	5.51	31.85
Jan.	25, 1917,	455.90	5.42	24.71
Total		**8629.40**	**5.24 Av.**	**452.22**

Owner's Statement of Feed

Jan.—8 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, ground oats, cottonseed meal, and linseed meal, 250 lbs. Ajax Flakes; 2 lbs. beet pulp, 20 lbs. ensilage, alfalfa, clover, and mixed hay.

Feb.—10 lbs. grain daily same mixture as January; same roughage.

Mar.—Same ration as given in February.

Apr.—Same ration as given in February.

May.—Same grain ration as given in February; 2 lbs. beet pulp to the 14th, 20 lbs. ensilage to the 14th then 10 lbs., clover and mixed hay to the 20th then green feed and pasture.

June—10 lbs. grain daily same mixture as January with 100 lbs. each corn meal and hominy added; 2 lbs. beet pulp, 20 lbs. ensilage, alfalfa, clover, and mixed hay.

July—Same grain ration as February; 20 lbs. ensilage, clover, alfalfa, and mixed hay, pasture.

Aug.—Same ration as given in July.

Sept.—12 lbs. grain daily same mixture as January; 20 lbs. ensilage, clover, alfalfa, and mixed hay, pasture.

Oct.—Same grain ration as September; 2 lbs. beet pulp, 20 lbs. ensilage, clover, alfalfa, and mixed hay, pasture to the 7th.

Nov.—Same ration as last of October.

Dec.—Same ration as given in November.

Jan.—Same ration as given in November.

5130 Langwater Honesty 49479

Sire Langwater Monarch 20899 A. R.
Sire Imp. Yeoman 8618 A. R.
Dam Dolly Bloom 12770 A. R. 40.
Dam Pride of Birth 18443 A. R. 641.
Sire Rutila's Sheet Anchor 5701 A. R.
Dam Imp. Pride of Home 14447 A. R. 56.
Breeder F. Lothrop Ames, North Easton, Mass.
Owner F. Lothrop Ames, North Easton, Mass.
Sold Oct. 10, 1916 to Lawrence Grinnell, South Dartmouth, Mass.
Born Sept. 11, 1913. *Calved* Jan. 12, 1916.
Served July 15, 1916.
Requirement for admission: 263.70 lbs. butter fat.
Supervised by Massachusetts Agricultural Experiment Station.

Official Year's Record, Class G

	Milk	Butter Fat	
	lbs.	%	lbs.
Jan. 22, 1916,	324.90	4.61	14.98
Feb., "	960.60	4.61	44.28
Mar., "	1056.60	4.42	46.70
Apr., "	1054.20	4.62	48.70
May, "	1071.40	4.69	50.25
June, "	1040.70	4.93	51.31
July, "	875.00	6.04	52.85
Aug., "	920.20	5.24	48.22
Sept., "	874.20	4.75	41.52
Oct., "	696.80	5.05	35.19
Nov.,* "	490.80	5.22	25.62
Dec., "	714.30	4.65	33.21
Jan. 21, 1917,	457.20	5.46	24.96
Total	**10536.90**	**4.91 Av.**	**517.79**

*6 days lacking.

Owner's Statement of Feed

Jan.—97 lbs. grain: 17.1 lbs. each bran, ground oats, and gluten, 5.7 lbs. each hominy and alfalfa meal, 11.4 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 250 lbs. ensilage, 60 lbs. hay.

Feb.—293 lbs. grain: 54.9 lbs. each bran, ground oats, and gluten, 18.4 lbs. hominy, 36.6 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 174 lbs. beet pulp, 1015 lbs. ensilage, 203 lbs. hay.

Mar.—331 lbs. grain: 62.1 lbs. each bran, ground oats, and gluten, 20.8 lbs. hominy, 41.3 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 186 lbs. beet pulp, 1085 lbs. ensilage, 217 lbs. hay.

Apr.—360 lbs. grain: 67.5 lbs. each bran, ground oats, and gluten, 22.5 lbs. hominy, 45 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 150 lbs. beet pulp, 1140 lbs. ensilage, 210 lbs. hay.

May—372 lbs. grain: 65.64 lbs. each bran, ground oats, and gluten, 21.88 lbs. each hominy and alfalfa meal, 43.76 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 186 lbs. beet pulp, 1240 lbs. ensilage, 217 lbs. hay.

June—360 lbs. grain: 63.5 lbs. each bran, ground oats, and Ajax Flakes, 21.2 lbs. each hominy and alfalfa meal, 42.3 lbs. each gluten, cottonseed meal, and oil meal; 180 lbs. beet pulp, 1050 lbs. ensilage, green feed.

July—352 lbs. grain: 62.13 lbs. each bran, ground oats, and Ajax Flakes, 20.71 lbs. each hominy and alfalfa meal, 41.42 lbs. each gluten, cottonseed meal, and oil meal; 186 lbs. roots, 930 lbs. ensilage, green feed.

Aug.—310 lbs. grain: 58.1 lbs. each bran, ground oats, and Ajax Flakes, 19.4 lbs. hominy, 38.7 lbs. each gluten, cottonseed meal, and oil meal; 186 lbs. beet pulp, 775 lbs. ensilage, 248 lbs. alfalfa.

Sept.—330 lbs. grain: 61.88 lbs. each bran, ground oats, and Ajax Flakes, 20.63 lbs. hominy, 41.25 lbs. each gluten, cottonseed meal, and oil meal; 120 lbs. beet pulp, 900 lbs. green corn, 240 lbs. alfalfa.

Oct.—296 lbs. grain, 144 lbs. of the following mixture to the 12th: 300 lbs. each bran, ground oats, and Ajax Flakes, 100 lbs. hominy, 200 lbs. each gluten, cottonseed meal, and oil meal, then 152 lbs. of 300 lbs. mixed feed, 150 lbs. gluten meal, 100 lbs. cottonseed meal; 420 lbs. ensilage, 96 lbs. alfalfa, mixed hay.

Nov.—240 lbs. grain same mixture as last of October; 240 lbs. beet pulp, 300 lbs. hay.

Dec.—248 lbs. grain same mixture as last of October; 248 lbs. beet pulp, 372 lbs. mixed hay.

Jan.—168 lbs. grain of the following mixture: 60 lbs. each bran, ground oats, and gluten, 20 lbs. each hominy and alfalfa meal, 40 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 168 lbs. beet pulp, 294 lbs. mixed hay.

5131 Lucy of Elkview 41385

Sire Ideal's Senator 14736 A. R.
Sire Senator Trowbridge 11351 A. R.
Dam Ideal of Prospect Farm 15345 A. R. 995.
Dam Luceliaview 31217.
Sire Digby-Hood 13940 A. R.
Dam Princess of Elkton 4th 30326.
Breeder A. J. Cullen, Elkview, Pa.
Owner Virginia Polytechnic Institute, Blacksburg, Va.
Born Feb. 24, 1912. *Calved* Nov. 14, 1915.
Requirement for admission: 315.90 lbs. butter fat.
Supervised by Virginia Agricultural Experiment Station.

Official Year's Record, Class D

	Milk	Butter Fat	
	lbs.	%	lbs.
Dec. 11, P. M., 1915,	563.90	5.11	28.82
Jan., 1916,	782.30	5.74	44.90
Feb., "	685.60	5.39	36.95
Mar., "	673.30	5.22	35.15
Apr., "	618.50	4.98	30.80
May, "	869.00	4.97	43.19
June, "	838.90	4.80	40.27
July, "	819.70	5.12	41.97
Aug., "	732.60	4.82	35.31
Sept., "	572.60	5.38	30.81
Oct., "	429.80	5.99	25.75
Nov., "	258.50	6.55	16.93
Dec. 11, A. M., "	87.50	5.90	5.16
Total	**7932.20**	**5.24 Av.**	**416.01**

Owner's Statement of Feed

Dec.—184.5 lbs. grain: 71.75 lbs. corn meal, 41 lbs. Ajax Flakes, 35.875 lbs. each gluten and cottonseed meal; 1025 lbs. ensilage, hay.

Jan.—279 lbs. grain: 108.5 lbs. corn meal, 62 lbs. Ajax Flakes, 54.25 lbs. each gluten and cottonseed meal; 1550 lbs. ensilage, hay.

Feb.—261 lbs. grain: 101.5 lbs. corn meal, 58 lbs. Ajax Flakes, 50.75 lbs. each gluten and cottonseed meal; 1450 lbs. ensilage, hay.

Mar.—Same ration as given in January.

Apr.—322.5 lbs. grain: 52.5 lbs. each bran, gluten, and cottonseed meal, 105 lbs. corn meal, 60 lbs. Ajax Flakes; 1500 lbs. ensilage, hay.

May—224.75 lbs. grain: 54.25 lbs. each corn meal, gluten, and cottonseed meal, 62 lbs. Ajax Flakes; 775 lbs. ensilage, hay, pasture after the 5th.

June—217.5 lbs. grain: 52.5 lbs. each corn meal, gluten, and cottonseed meal, 60 lbs. Ajax Flakes; pasture.

July—Same grain ration as given in May; pasture.

Aug.—279 lbs. grain: 93 lbs. each corn meal, Ajax Flakes, and cottonseed meal; pasture.

Sept.—225 lbs. grain: 75 lbs. each corn meal, Ajax Flakes, and cottonseed meal; pasture.

Oct.—217 lbs. grain: 62 lbs. each corn meal and cottonseed meal, 93 lbs. Ajax Flakes; 868 lbs. ensilage, hay and pasture.

Nov.—180 lbs. grain: 60 lbs. each corn meal, Ajax Flakes, and cottonseed meal; ensilage, hay, and pasture.

Dec.—66 lbs. grain: 22 lbs. each bran, corn meal, and cottonseed meal; ensilage and hay.

5132 Masher's Dousman's Snowdoun 50660

Sire Richmond Signor 18652 A. R.
Sire Masher's Sequel 3d 13031.
Dam Lura Maud 20372 A. R. 1545.
Dam Dousman's Snowdoun 36056.
Sire Prince of Pilsen 12745.
Dam Maid of Snowdoun 15612.
Breeder H. N. Longley, Dousman, Wis.
Owner H. N. Longley, Dousman, Wis.
Born Nov. 20, 1913. *Calved* Dec. 23, 1915.
Served May 24, 1916.
Requirement for admission: 253.80 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class G

	Milk	Butter Fat	
	lbs.	%	lbs.
Dec. 24, 1915,	187.10	4.11	7.69
Jan., 1916,	956.60	4.11	39.32
Feb., "	773.00	4.04	31.23
Mar., "	743.30	4.53	33.67
Apr., "	682.30	3.90	26.61
May, "	665.30	4.02	26.75
June, "	591.30	4.32	25.54
July, "	463.50	4.63	21.46
Aug., "	464.80	4.38	20.36
Sept., "	471.60	4.41	20.80
Oct., "	401.80	4.97	19.97
Nov., "	342.20	4.45	15.23
Dec. 23, "	227.80	5.17	11.78
Total	**6970.60**	**4.31 Av.**	**300.41**

Owner's Statement of Feed

Dec.—8 lbs. grain daily of the following mixture: 100 lbs. each bran and ground oats, 50 lbs. Unicorn Dairy Ration; 20 lbs. ensilage, 10 lbs. corn fodder, alfalfa.

Jan.—9 lbs. grain daily same mixture as given in December; same roughage.

Feb.—10 lbs. grain daily same mixture as given in December; same roughage.

Mar.—11 lbs. grain daily, 10 lbs. same mixture as December with 1 lb. oil meal added; 25 lbs. ensilage, 8 lbs. corn stover, alfalfa.

Apr.—11 lbs. grain daily, 10 lbs. of the following mixture with 1 lb. oil meal added: 300 lbs. bran, 100 lbs. each ground oats and Unicorn Dairy Ration; 25 lbs. ensilage, 10 lbs. corn stover, alfalfa.

May—Same ration as April to the 20th, then 5 lbs. of same mixture with pasture.

June—3 lbs. grain daily of the following mixture: 100 lbs. each bran and Unicorn Dairy Ration, 50 lbs. each corn meal and ground oats; pasture.

July—Same ration as given in June with alfalfa added.

Aug.—3 lbs. grain daily of the following mixture: 100 lbs. each bran and Ajax Flakes, 50 lbs. each ground corn and ground oats; 2 lbs. beet pulp, alfalfa and wild pasture to the 10th then alfalfa pasture and 20 lbs. green corn fodder.

Sept.—4 lbs. grain daily same mixture as August; 20 lbs. green corn fodder, alfalfa and pasture.

Oct.—5 lbs. grain daily of the following mixture: 100 lbs. each bran and ground oats, 50 lbs. Ajax Flakes; 20 lbs. green corn fodder, alfalfa and pasture.

Nov.—6 lbs. grain daily, 5 lbs. same mixture as October with 1 lb. oil meal added; 10 lbs. corn fodder, alfalfa, pasture to the 12th then ensilage gradually increased to 20 lbs.

Dec.—6 lbs. grain daily, 5 lbs. same mixture as December, 1915, with 1 lb. oil meal added; same roughage.

5133 Winsome of L. View 43712

Sire Imp. Captain Parry VII. 12177 A. R.
Sire Renown of the Gâchères R. G. A. S. 1562 P. S.
Dam Petite IX. R. G. A. S. 5687 P. S.
Dam Candy Girl 36153.
Sire Fairy's Good Luck 12757.
Dam Calla's Countess 18413.
Breeder Albert E. Harris, Chippewa Falls, Wis.
Owner W. K. Coffin, Eau Claire, Wis.
Born Oct. 29, 1912. *Calved* Dec. 11, 1915.
Served May 21, 1916.
Requirement for admission: 291.70 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class E

	Milk	Butter Fat	
	lbs.	%	lbs.
Dec. 16, 1915,	414.20	5.65	23.40
Jan., 1916,	806.30	5.01	40.40
Feb., "	694.00	5.00	34.70
Mar., "	664.60	5.14	34.16
Apr., "	600.90	5.05	30.35
May, "	602.80	5.06	30.50
June, "	497.60	5.51	27.42
July, "	466.20	5.86	27.32
Aug., "	410.50	5.17	21.22
Sept., "	277.00	5.38	14.90
Oct., "	221.70	5.84	12.95
Nov., "	163.00	6.29	10.25
Dec. 15, "	66.60	6.29	4.19
Total	**5885.40**	**5.30 Av.**	**311.76**

Owner's Statement of Feed

Dec.—10 lbs. grain daily of 1 part each bran and buckwheat middlings and 2 parts each oats, Ajax Flakes, and Arcady Feed; 30 lbs. ensilage, 10 lbs. mixed hay.

Jan.—12 lbs. grain daily of 1 part each bran, oats, and Ajax Flakes and 2 parts Arcady Feed; 28 lbs. ensilage, 10 lbs. mixed hay.

Feb.—15 lbs. grain daily of one part each bran, oats, and Ajax Flakes and 2 parts Arcady Feed; 28 lbs. ensilage, 10 lbs. mixed hay.

Mar.—15 lbs. grain daily, 12 lbs. of equal parts bran, ground oats, Ajax Flakes, and Arcady Feed, with 3 lbs. oil meal added; 30 lbs. ensilage, mixed hay.

Apr.—16.5 lbs. grain daily, 13.5 lbs. of 1 part bran, 3 parts each ground oats and Ajax Flakes, and 2 parts Arcady Feed, with 3 lbs. oil meal added; 30 lbs. ensilage, mixed hay.

May—Same grain ration as April; pasture.

June—Same ration as given in May.

July—15 lbs. grain daily of 3 parts each bran, ground corn and oats, and oil meal and 6 parts Ajax Flakes; pasture.

Aug.—10 lbs. grain daily of 3 parts each bran and oil meal and 2 parts each ground corn and oats and International Dairy Feed; pasture.

Sept.—10 lbs. grain daily of 2 parts each bran, ground oats, and oil meal and 4 parts International Dairy Feed; 20 lbs. ensilage, mixed hay and pasture.

Oct.—Same ration as given in September.

Nov.—9 lbs. grain daily of 1 part each bran and ground oats, 3 parts oil meal, and 4 parts molasses feed; 25 lbs. ensilage, 10 lbs. mixed clover and timothy hay.

Dec.—Same ration as given in November.

5134 Imp. Primrose Beauty of Tristram Farm 50997

Sire Primrose's Billy R. G. A. S. 2998 P. S.
Sire Alderney II. R. G. A. S. 2215 P. S., A. R.
Dam Imp. Primrose II. of Vimiera 38859 A. R. 2496.
Dam Imp. Blonde of Sarnia 46545 A. R. 4356.
Sire Noble of New Place R. G. A. S. 352 F. S., A. R.
Dam Beauty of Maison de Haut R. G. A. S. 3713 F. S.
Breeder Peter Robin, Island of Guernsey.
Owner W. K. Coffin, Eau Claire, Wis.
Born Nov. 17, 1913. *Calved* Dec. 17, 1915.
Served June 28, 1916.
Requirement for admission: 254.00 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class G

	Milk	Butter Fat	
	lbs.	%	lbs.
Dec. 23, 1915,	215.30	4.12	8.87
Jan., 1916,	816.90	4.12	33.66
Feb., "	733.00	3.92	28.73
Mar., "	747.70	4.19	31.33
Apr., "	723.90	4.17	30.19
May, "	728.80	4.24	30.90
June, "	639.10	3.95	25.24
July, "	601.30	3.71	22.31
Aug., "	514.10	4.17	21.44
Sept., "	452.00	4.78	21.61
Oct., "	457.40	5.18	23.69
Nov., "	443.10	5.31	23.53
Dec. 22, "	296.30	5.31	15.73
Total	**7368.90**	**4.30 Av.**	**317.23**

Owner's Statement of Feed

Dec.—6 lbs. grain daily of the following mixture: 1 part each bran and buckwheat middlings and 2 parts each ground oats, Ajax Flakes, and Arcady Feed; 20 lbs. ensilage, 8 lbs. mixed hay.

Jan.—8 lbs. grain daily equal parts bran, oats, Ajax Flakes, and Arcady Feed; 20 lbs. ensilage, 8 lbs. mixed hay.

Feb.—9 lbs. grain daily of the following mixture: 1 part each bran, oats, and Ajax Flakes and 2 parts Arcady Feed; 25 lbs. ensilage, 8 lbs. mixed hay.

Mar.—12 lbs. grain daily, 9 lbs. same mixture as January with 3 lbs. oil meal added; 30 lbs. ensilage, mixed hay.

Apr.—12 lbs. grain daily, 9 lbs. of the following mixture with 3 lbs. oil meal added: 1 part bran, 3 parts each ground oats and Ajax Flakes, 2 parts Arcady Feed; 25 lbs. ensilage, timothy hay.

May—Same grain ration as given in April; pasture.

June—Same ration as given in May.

July—9 lbs. grain daily of 2 parts each bran, ground corn and oats, and oil meal and 3 parts Ajax Flakes; pasture.

Aug.—8 lbs. grain daily of 3 parts bran, 2 parts each ground (corn and oats) and oil meal and 1 part International Dairy Feed; pasture.

Sept.—9 lbs. grain daily of 2 parts each bran, ground oats, and oil meal, 3 parts International Dairy Feed; 20 lbs. ensilage, mixed hay and pasture.

Oct.—Same ration as given in September.

Nov.—8 lbs. grain daily of 1 part bran, 2 parts each ground oats and oil meal, 3 parts molasses feed; 25 lbs. ensilage, 10 lbs. mixed clover and timothy hay.

Dec.—Same ration as given in November.

5135 Imp. Heathfield Mace 53979

Sire Paragon 2173 E. G. H. B.
Sire Victor des Hougues Magues 2108 E. G. H. B., R. G. A. S. 2122 P. S.
Dam Annette of Glebelands 7148 E. G. H. B.
On Guernsey Fleurie IV. of the Fauxquets de Haut R. G. A. S. 6250 P. S.
Dam Mace 1st of the Gâchères 6604 E. G. H. B., R. G. A. S. 5814 P. S.
Sire Scottie of the Gâchères R. G. A. S. 1353 P. S., A. R.
Dam Mace of the Gâchères R. G. A. S. 2495 F. S.
Breeder Henry Goschen, England.
Owner Walter H. Dupee, Santee, Cal.
Sold Oct. 30, 1916 to Frank P. Frazier, Ipswich, Mass.
Born Aug. 20, 1912. *Calved* Nov. 20, 1915.
Served Apr. 15, 1916.
Requirement for admission: 296.50 lbs. butter fat.
Supervised by California Agricultural Experiment Station.

Official Year's Record, Class E

	Milk	Butter Fat	
	lbs.	%	lbs.
Nov. 24, 1915,	178.80	4.43	7.92
Dec., "	1012.10	4.43	44.84
Jan., 1916,	948.30	4.74	44.95
Feb., "	808.40	5.05	40.82
Mar., "	744.20	4.65	34.61
Apr., "	731.20	5.47	40.00
May, "	697.90	5.38	37.55
June, "	662.80	5.33	35.33
July, "	554.20	6.13	33.97
Aug., "	434.80	6.63	28.83
Sept., "	346.80	6.63	22.99
Oct., "	246.50	6.86	16.91
Nov. 23, "	No record given.		
Total	**7366.00**	**5.28 Av.**	**388.72**

Owner's Statement of Feed

Nov.—13 lbs. grain daily of 5 lbs. bran, 1 lb. each corn meal and cottonseed meal, 4 lbs. ground oats, and 2 lbs. soy bean meal; 5 lbs. beet pulp, 15 lbs. ensilage, 8 lbs. oat hay, 10 lbs. alfalfa.

Dec.—Same ration as given in November.

Jan.—14 lbs. grain daily of 5 lbs. bran, 1 lb. each corn meal, cottonseed meal, and molasses, 4 lbs. ground oats, and 2 lbs. soy bean meal; 3 lbs. beet pulp, 18 lbs. ensilage, 5 lbs. oat hay, 10 lbs. alfalfa.

Feb.—14.5 lbs. grain daily of 5 lbs. bran, 1 lb. each corn meal and molasses, 4 lbs. ground oats, 1.5 lbs. cottonseed meal, and 2 lbs. soy bean meal; 3 lbs. beet pulp, 25 lbs. ensilage, 5 lbs. oat hay, 12 lbs. alfalfa.

Mar.—15.5 lbs. grain daily of 5 lbs. bran, 1 lb. each corn meal and molasses, 4 lbs. ground oats, 2 lbs. each cottonseed meal and soy bean meal, and .5 lb. oil meal; 25 lbs. ensilage, 5 lbs. each oat hay and green alfalfa, 10 lbs. alfalfa hay.

Apr.—Same grain ration as March; 25 lbs. ensilage, 5 lbs. each oat hay and green alfalfa, 10 lbs. alfalfa hay.

May—13 lbs. grain daily of 4 lbs. each bran and ground oats, 1 lb. corn meal, 1.5 lbs. cottonseed meal, .5 lb. oil meal, and 2 lbs. soy bean meal; 3 lbs. beet pulp, 25 lbs. ensilage, 7 lbs. green alfalfa, 6 lbs. oat hay, 10 lbs. alfalfa hay.

June—Same ration as given in May.

July—13 lbs. grain daily of 4 lbs. each bran and ground oats, 1 lb. each corn meal, Ajax Flakes, Unicorn Dairy Ration, cottonseed meal, and oil meal; 25 lbs. each green beets and ensilage, 8 lbs. oat hay, 10 lbs. alfalfa.

Aug.—5 lbs. grain daily, 4 lbs. of the following mixture with 1 lb. molasses added: 500 lbs. bran, 340 lbs. ground oats, 100 lbs. each ground barley and soy bean meal; 10 lbs. ensilage, 15 lbs. alfalfa.

Sept.—5.5 lbs. grain daily, 5 lbs. of the following mixture with .5 lb. molasses added: 500 lbs. bran, 340 lbs. oats, 100 lbs. each ground barley and oil meal; 7 lbs. beets, 10 lbs. ensilage, 5 lbs. alfalfa.

Oct.—4 lbs. grain daily, 3.5 lbs. of the following mixture with .5 lb. molasses added: 480 lbs. bran, 400 lbs. oats, 100 lbs. each ground barley, cottonseed meal, and oil meal; 15 lbs. green beets, 20 lbs. ensilage, 12 lbs. alfalfa.

Nov.—No record given.

5136 Philip's Favorite 2d 25522

Sire Two Creeks 8648 A. R.
Sire Carl P. V. 6540.
Dam Select's O. K. 12942 A. R. 117.
Dam Philip's Favorite 11981.
Sire Count Philip 4830.
Dam Lady Bessy 11723.
Breeder Fred Clausing, Port Washington, Wis.
Owner J. R. Love, Waukesha, Wis.
Born Sept. 15, 1907. *Calved* Jan. 12, 1916.
Served July 30, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class A

	Milk	Butter Fat	
	lbs.	%	lbs.
Jan. 15, 1916,	560.00	4.55	25.48
Feb., "	1140.90	4.55	51.91
Mar., "	1202.80	4.40	52.92
Apr., "	1123.90	4.52	50.80
May, "	1206.30	4.36	52.59
June, "	1116.00	4.41	49.22
July, "	1036.30	4.31	44.66
Aug., "	917.00	4.70	43.10
Sept., "	798.40	5.46	43.59
Oct., "	799.30	5.39	43.08
Nov., "	656.70	5.49	36.05
Dec., "	577.00	5.85	33.75
Jan. 14, 1917,	214.70	5.53	11.87
Total	**11349.30**	**4.75 Av.**	**539.02**

Owner's Statement of Feed

Jan.—12 lbs. grain daily of 2 lbs. corn meal, 3.5 lbs. ground oats, 5 lbs. Ajax Flakes, and 1.5 lbs. oil meal; 5 lbs. beet pulp, ensilage and clover hay.

Feb.—Same ration as given in January.

Mar.—13.25 lbs. grain daily of 2.5 lbs. corn meal, 3.75 lbs. ground oats, 5 lbs. Ajax Flakes, and 2 lbs. oil meal; 3 lbs. beet pulp, ensilage and clover hay.

Apr.—Same grain ration as March; 3 lbs. beet pulp, ensilage and alfalfa.

May—13.75 lbs. grain daily of 1 lb. corn meal, 3 lbs. ground oats, 2.25 lbs. Ajax Flakes, 6 lbs. Brewers' Grains, and 1.5 lbs. oil meal; 2 lbs. beet pulp, 30 lbs. ensilage, alfalfa.

June—12 lbs. grain daily of .5 lb. corn meal, 3 lbs. ground oats, 2 lbs. Ajax Flakes, 5 lbs. Dewey's Grains, and 1.5 lbs. oil meal; 1.5 lbs. beet pulp, alsike and clover hay.

July—Same ration as given in June.

Aug.—12 lbs. grain daily of 2 lbs. hominy, 3.5 lbs. ground oats, 5 lbs. Dewey's Grains, and 1.5 lbs. oil meal; 1.25 lbs. beet pulp, green corn and mixed clover hay.

Sept.—Same grain ration as August; 1 lb. beet pulp, green corn and mixed hay.

Oct.—Same ration as given in September.

Nov.—7.75 lbs. grain daily of 1 lb. each hominy and oil meal, 3 lbs. ground oats, 2.75 lbs. Dewey's Grains; 1 lb. beet pulp, 30 lbs. ensilage, mixed hay.

Dec.—10 lbs. grain daily of 1 lb. each bran, hominy, and oil meal, 3.5 lbs. each ground oats and Ajax Flakes; 30 lbs. ensilage, hay.

Jan.—7 lbs. grain daily of 1.5 lbs. bran, 2.5 lbs. each D. D. D. Grains and ground (corn and oats), and .5 lb. oil meal; 25 lbs. ensilage, clover hay.

5137 Imp. Billy's Pride of Arroyo 47085

Sire Imp. Billy's France of the Isle 21183 A. R.
Sire Imp. Billy's France 12476 A. R.
Dam Fascination II. R. G. A. S. 4665 P. S.
Dam La Daisy Belle R. G. A. S. 3815 F. S.
Sire On Guernsey.
Dam On Guernsey.
Breeder Joseph Ribert, Island of Guernsey.
Owner J. R. Love & Son, Waukesha, Wis.
Born Nov. 13, 1912. *Calved* Jan. 13, 1916.
Served July 19, 1916.
Requirement for admission: 293.20 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class E

		Milk	Butter Fat	
		lbs.	%	lbs.
Jan.	15, 1916,	517.10	4.42	22.86
Feb.,	"	1050.70	4.42	46.44
Mar.,	"	1179.80	4.19	49.43
Apr.,	"	1117.00	4.53	50.60
May,	"	1154.70	4.54	52.42
June,	"	891.40	5.09	45.37
July,	"	919.20	4.76	43.75
Aug.,	"	830.10	5.15	42.75
Sept.,	"	764.30	5.34	40.81
Oct.,	"	725.50	5.97	43.31
Nov.,	"	662.70	5.98	39.63
Dec.,	"	653.80	6.14	40.14
Jan.	14, 1917,	279.80	5.96	16.68
Total		**10746.10**	**4.97 Av.**	**534.19**

Owner's Statement of Feed

Jan.—11 lbs. grain daily of 1.75 lbs. corn meal, 3.25 lbs. ground oats, 4.75 lbs. Ajax Flakes, and 1.25 lbs. oil meal; 2 lbs. beet pulp, ensilage and clover hay.

Feb.—Same ration as given in January.

Mar.—13.25 lbs. grain daily of 2.5 lbs. corn meal, 3.75 lbs. ground oats, 5 lbs. Ajax Flakes, and 2 lbs. oil meal; 3 lbs. beet pulp, ensilage and clover hay.

Apr.—Same grain ration as March; 3 lbs. beet pulp, ensilage and alfalfa.

May.—13.75 lbs. grain daily of 1 lb. corn meal, 3 lbs. ground oats, 6 lbs. Brewers' Grains, 2.25 lbs. Ajax Flakes, and 1.5 lbs. oil meal; 2 lbs. beet pulp, 30 lbs. ensilage, alfalfa.

June—12 lbs. grain daily of .5 lb. corn meal, 3 lbs. ground oats, 2 lbs. Ajax Flakes, 5 lbs. Dewey's Grains, and 1.5 lbs. oil meal; 1.5 lbs. beet pulp, alsike and clover hay.

July—Same ration as given in June.

Aug.—12 lbs. grain daily of 2 lbs. hominy, 3.5 lbs. ground oats, 5 lbs. Dewey's Grains, and 1.5 lbs. oil meal; 1.25 lbs. beet pulp, green corn and mixed clover hay.

Sept.—Same grain ration as August; 1 lb. beet pulp, green corn and mixed hay.

Oct.—Same ration as given in September.

Nov.—8.25 lbs. grain daily of 3 lbs. each ground oats and Dewey's Grains, 1.25 lbs. hominy, and 1 lb. oil meal; 1 lb. beet pulp, 30 lbs. ensilage, mixed hay.

Dec.—10 lbs. grain daily of 1 lb. each bran, hominy, and oil meal, 3.5 lbs. each ground oats and Ajax Flakes; 30 lbs. ensilage, hay.

5138 Imp. Forestine II. 35759

Sire Royal Blood VI. R. G. A. S. 1261 P. S., A. R.
Sire Imp. France's Masher 2d 7248 A. R.
Dam Little Floe II. R. G. A. S. 1509 F. S.
Dam Forestine R. G. A. S. 2259 F. S.
Sire On Guernsey.
Dam On Guernsey.
Breeder Ernest de Garis, Island of Guernsey.
Owner C. Christensen, La Crosse, Wis.
Born Sept. 21, 1903. *Calved* Jan. 29, 1916.
Served June 15, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class A

		Milk	Butter Fat	
		lbs.	%	lbs.
Feb.	1, 1916,	1199.00	3.99	47.84
Mar.,	"	1177.60	3.86	45.46
Apr.,	"	1161.40	4.26	49.48
May,	"	1093.60	4.13	45.17
June,	"	849.60	4.91	41.72
July,	"	799.00	4.44	35.48
Aug.,	"	868.00	4.29	37.24
Sept.,	"	796.90	4.28	34.11
Oct.,	"	690.00	4.59	31.67
Nov.,	"	591.60	4.36	25.79
Dec.,	"	669.70	4.47	29.94
Jan.	31, 1917,	600.50	4.60	27.62
Total		**10496.90**	**4.30 Av.**	**451.52**

Owner's Statement of Feed

Feb.—21 lbs. grain daily of 2 lbs. corn meal, 1 lb. oil meal, and 18 lbs. of the following mixture: 300 lbs. bran, 100 lbs. each corn meal and oil meal, 400 lbs. Brewers' Grains; 18 lbs. ensilage, 10 lbs. hay.

Mar.—Same ration as given in February.

Apr.—22 lbs. grain daily same mixture as February with 100 lbs. gluten added; 2 lbs. beet pulp, 30 lbs. ensilage, 10 lbs. alfalfa.

May—14 lbs. grain daily same mixture as April; 3 lbs. beet pulp, 20 lbs. ensilage, alfalfa and pasture.

June—12 lbs. grain daily of the following mixture: 300 lbs. each bran and Distillers' Grains, 100 lbs. each ground oats and oil meal, 200 lbs. Brewers' Grains; 15 lbs. ensilage, alfalfa and pasture.

July—12 lbs. grain daily same mixture as June with 100 lbs. corn meal added; 15 lbs. ensilage, alfalfa and pasture.

Aug.—12 lbs. grain daily of the following mixture: 200 lbs. each bran and Distillers' Grains, 100 lbs. each hominy and ground oats, 50 lbs. oil meal; ensilage, alfalfa, and pasture.

Sept.—13 lbs. grain daily, 12 lbs. of the following mixture with 1 lb. oil meal added: 200 lbs. each bran and Distillers' Grains, 100 lbs. each hominy and ground oats; 25 lbs. ensilage, alfalfa and pasture.

Oct.—18 lbs. grain daily of the following mixture: 103 lbs. bran, 57 lbs. hominy, 100 lbs. ground oats, 186 lbs. Hector Feed, 71 lbs. gluten, 20 lbs. oil meal; 45 lbs. ensilage, mixed hay.

Nov.—Same grain ration as October except 22 lbs. ground oats dropped from mixture; 45 lbs. ensilage, mixed hay.

Dec.—Same grain ration as November; 5 lbs. beets, 45 lbs. ensilage, mixed hay.

Jan.—Same grain ration as November to the 10th except 21 lbs. gluten dropped from mixture, then 18 lbs. daily of the following mixture: 103 lbs. bran, 60 lbs. hominy, 100 lbs. oats, 186 lbs. Hector Feed, 40 lbs. oil meal; 6 lbs. beets, 45 lbs. ensilage, mixed hay.

5139 France's Masher's Honeymoon's Daughter 27750

Sire Imp. Raymond of the Préel II. 13381 A. R.
Sire Imp. Raymond of the Préel 11353 A. R.
Dam Flower of the Préel R. G. A. S. 2099 F. S.
Dam Imp. France's Masher's Honeymoon 24824 A. R. 1088.
Sire Imp. France's Masher 2d 7248 A. R.
Dam Honey Moon IX. R. G. A. S. 3620 P. S.
Breeder Alfred G. Lewis, Geneva, N. Y.
Owner C. Christensen, La Crosse, Wis.
Born June 5, 1909. *Calved* Dec. 19, 1915.
Served June 17, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class A

		Milk	Butter Fat	
		lbs.	%	lbs.
Dec.	22, 1915,	333.30	4.94	16.47
Jan.,	1916,	1317.30	4.94	65.07
Feb.,	"	1198.10	5.17	61.94
Mar.,	"	885.90	4.16	36.85
Apr.,	"	771.70	5.10	39.36
May,	"	741.30	4.71	34.92
June,	"	627.10	5.55	34.80
July,	"	636.90	5.52	35.16
Aug.,	"	671.40	5.30	35.58
Sept.,	"	583.80	5.40	31.53
Oct.,	"	479.20	6.05	28.99
Nov.,	"	445.10	6.12	27.24
Dec.	21, "	274.00	6.16	16.88
Total		**8965.10**	**5.18 Av.**	**464.79**

Owner's Statement of Feed

Dec.—20 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. each corn meal and oil meal, 400 lbs. Brewers' Grains; 20 lbs. ensilage, 10 lbs. alfalfa.

Jan.—24 lbs. grain daily of 2 lbs. each corn meal and oil meal and 20 lbs. same mixture as December; 20 lbs. ensilage, 10 lbs. hay.

Feb.—22 lbs. grain daily, 1 lb. each corn meal and oil meal and 20 lbs. same mixture as December; 20 lbs. ensilage, 10 lbs. hay.

Mar.—Same grain ration as February; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.

Apr.—18 lbs. grain daily same mixture as December with 100 lbs. gluten added; 2 lbs. beet pulp, 30 lbs. ensilage, 10 lbs. alfalfa.

May—14 lbs. grain daily same mixture as April; 3 lbs. beet pulp, alfalfa and clover hay, pasture.

June—12 lbs. grain daily of the following mixture: 300 lbs. each bran and Distillers' Grains, 100 lbs. each ground oats and oil meal, 200 lbs. Brewers' Grains; 15 lbs. ensilage, alfalfa and pasture.

July—12 lbs. grain daily same mixture as June with 100 lbs. corn meal added; 15 lbs. ensilage, alfalfa and pasture.

Aug.—10 lbs. grain daily of the following mixture: 200 lbs. each bran and Distillers' Grains, 100 lbs. each hominy and ground oats, 50 lbs. oil meal; ensilage, alfalfa, and pasture.

Sept.—10 lbs. grain daily same mixture as August omitting oil meal; 25 lbs. ensilage, alfalfa and pasture.

Oct.—18 lbs. grain daily of the following mixture: 103 lbs. bran, 57 lbs. hominy, 100 lbs. ground oats, 186 lbs. Hector Feed, 71 lbs. gluten, 20 lbs. oil meal; 45 lbs. ensilage, mixed hay.

Nov.—15 lbs. grain daily same mixture as October except 22 lbs. ground oats dropped; 39 lbs. ensilage, mixed hay.

Dec.—12 lbs. grain daily same mixture as November; 5 lbs. beets, 45 lbs. ensilage, mixed hay.

5140 Imp. La Manselle of Koshkonong Place 35647

Sire Hero of the Poidevins R. G. A. S. 1750 P. S., A. R.
Sire Hero of Mouilpied R. G. A. S. 1450 P. S.
Dam Jessy Rose I. R. G. A. S. 3700 P. S.
Dam La Manselle II. R. G. A. S. 4179 P. S.
Sire King's Champion R. G. A. S. 984 P. S.
Dam La Manselle R. G. A. S. 2060 F. S.
Breeder Marshall R. Jones, Island of Guernsey.
Owner A. R. Hoard, Fort Atkinson, Wis.
Born Sept. 3, 1909. *Calved* Feb. 25, 1916.
Served Nov. 26, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class A

		Milk	Butter Fat	
		lbs.	%	lbs.
Mar.	1, 1916,	1266.50	4.78	60.54
Apr.,	"	1229.50	4.69	57.66
May,	"	1227.20	4.03	49.46
June,	"	1130.30	3.80	42.95
July,	"	965.30	4.53	43.73
Aug.,	"	805.10	4.80	38.64
Sept.,	"	641.20	5.49	35.20
Oct.,	"	611.40	4.72	28.86
Nov.,	"	530.20	5.04	26.72
Dec.,	"	448.90	4.62	20.74
Jan.,	1917,	453.40	4.63	20.99
Feb.	28, "	456.60	4.64	21.19
Total		**9765.60**	**4.57 Av.**	**446.68**

Owner's Statement of Feed

Mar.—13 lbs. grain daily of equal parts bran, Schumacher Feed, and Unicorn Dairy Ration; 35 lbs. ensilage, 10 lbs. alfalfa.

Apr.—14 lbs. grain daily same mixture as March; 35 lbs. ensilage, 10 lbs. alfalfa.

May—Same ration as given in April.

June—9 lbs. grain daily same mixture as March; ensilage and pasture.

July—Same grain ration as June; 30 lbs. ensilage, pasture.

Aug.—Same grain ration as June; 35 lbs. ensilage, pasture.

Sept.—9 lbs. grain daily of equal parts bran and gluten meal; 15 lbs. ensilage, pasture.

Oct.—Same ration as given in September.

Nov.—8 lbs. grain daily of equal parts bran, Unicorn Dairy Ration, and gluten; 25 lbs. ensilage, 10 lbs. alfalfa.

Dec.—8 lbs. grain daily of equal parts bran, corn meal, Unicorn Dairy Ration, and gluten; 25 lbs. ensilage, 10 lbs. alfalfa.

Jan.—Same ration as given in December.

Feb.—8 lbs. grain daily of equal parts bran, Badger Stock Feed, Unicorn Dairy Ration, and gluten; 25 lbs. ensilage, 10 lbs. alfalfa.

5141 Raider's Elsie 49488

Sire Imp. Border Raider 22243 A. R.
Sire Imp. Itchen Red Raider 27342.
Dam Itchen Verbena 5501 E. G. H. B.
Dam Imp. Elsie Janis 32568.
Sire Imp. Galaxy's Sequel 16904 A. R.
Dam Imp. Yarra Yarra VII. 28520 A. R. 1356.
Breeder E. W. Oglebay, Wheeling, W. Va.
Owner West Virginia University, Morgantown, W. Va.
Born Jan. 8, 1914. *Calved* Feb. 5, 1916.
Requirement for admission: 253.30 lbs. butter fat.
Supervised by West Virginia Agricultural Experiment Station.

Official Year's Record, Class G

		Milk	Butter Fat	
		lbs.	%	lbs.
Feb.	6, 1916,	458.10	4.53	20.75
Mar.,	"	585.00	5.30	31.01
Apr.,	"	565.20	5.52	31.20
May,	"	571.90	5.27	30.14
June,	"	496.60	5.60	27.81
July,	"	455.70	5.89	26.84
Aug.,	"	409.00	5.41	22.13
Sept.,	"	389.10	5.55	21.60
Oct.,	"	379.50	5.70	21.63
Nov.,	"	120.10	6.01	7.22
Dec.,	"	336.80	6.32	21.29
Jan.,	1917,	347.70	6.17	21.45
Feb.	5, "	59.50	6.17	3.67
Total		**5174.20**	**5.54 Av.**	**286.74**

Owner's Statement of Feed

Feb.—165 lbs. grain of the following mixture: 300 lbs. bran, 400 lbs. each corn meal and Distillers' Grains, 100 lbs. each ground oats and oil meal, 150 lbs. cottonseed meal; 429 lbs. ensilage, 139 lbs. alfalfa.

Mar.—262 lbs. grain of the following mixture: 300 lbs. each bran, corn meal, ground oats, and Distillers' Grains, 100 lbs. each cottonseed meal and linseed meal; 725 lbs. ensilage, 217 lbs. alfalfa.

Apr.—270 lbs. grain same mixture as March; 750 lbs. ensilage, 180 lbs. alfalfa.

May—279 lbs. grain of the following mixture: 150 lbs. bran, 100 lbs. each corn meal and Distillers' Grains, 30 lbs. each cottonseed meal and oil meal; 60 lbs. clover hay, pasture.

June—270 lbs. grain of the following mixture: 300 lbs. bran, 400 lbs. corn meal, 200 lbs. Distillers' Grains, 100 lbs. cottonseed meal; pasture.

July—217 lbs. grain same mixture as June; 150 lbs. mixed hay, pasture.

Aug.—279 lbs. grain of the following mixture: 300 lbs. bran, 400 lbs. corn meal, 50 lbs. cottonseed meal, 100 lbs. oil meal; 186 lbs. soy bean hay, pasture.

Sept.—210 lbs. grain: 60 lbs. bran, 120 lbs. corn meal, 30 lbs. cottonseed meal; soy bean hay and pasture.

Oct.—217 lbs. grain: 62 lbs. bran, 124 lbs. corn meal, 31 lbs. oil meal; alfalfa to the 13th, 5 lbs. mixed hay.

Nov.—No record given.

Dec.—Same grain ration as October; alfalfa.

Jan.—310 lbs. grain: 62 lbs. bran, 124 lbs. corn meal, 93 lbs. D. D. D. Grains, 31 lbs. oil meal; 465 lbs. ensilage, alfalfa.

Feb.—50 lbs. grain: 10 lbs. bran, 20 lbs. corn meal, 15 lbs. D. D. D. Grains, 5 lbs. oil meal; 75 lbs. ensilage, alfalfa and clover hay.

5142 Imp. Fanny of Vallée du Creux 40658

Sire Defenser R. G. A. S. 2152 P. S., A. R.
Sire Imp. Galaxy's Sequel 16904 A. R.
Dam Imp. France's Masher's Sylph 24825 A. R. 1618.
Dam Bonny of Aval du Creux R. G. A. S. 3390 F. S.
Sire On Guernsey.
Dam On Guernsey.
Breeder J. H. Henry, Island of Guernsey.
Owner Jean Du Luth Farm, Inc., Duluth, Minn.
Born Jan. 20, 1911. *Calved* Feb. 17, 1916.
Served Nov. 29, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Minnesota Agricultural Experiment Station.

Official Year's Record, Class A

		Milk	Butter Fat	
		lbs.	%	lbs.
Feb.	26, 1916,	153.90	3.89	5.99
Mar.,	"	1602.30	3.89	62.33
Apr.,	"	1477.90	4.12	60.89
May,	"	1521.60	4.17	63.45
June,	"	1411.40	4.47	63.09
July,	"	1350.30	4.57	61.71
Aug.,	"	1247.10	4.70	58.61
Sept.,	"	1160.60	4.75	55.13
Oct.,	"	1188.50	5.17	61.45
Nov.,	"	1093.20	5.18	56.63
Dec.,	"	1074.90	5.59	60.09
Jan.,	1917,	1037.90	5.21	54.07
Feb.	25, "	788.00	5.20	40.98
Total		**15107.60**	**4.66 Av.**	**704.42**

Owner's Statement of Feed

Feb.—16 lbs. grain daily of 3 parts bran, 1 part each Ajax Flakes and gluten, and 2 parts each Schumacher Feed and oil meal; hay.

Mar.—Same ration as given in February.

Apr.—20 lbs. grain daily of 3 parts bran, 1 part each hominy, ground oats, and gluten, 1.25 parts Ajax Flakes, and 2 parts oil meal; roots and hay.

May—18 lbs. grain daily of 4 lbs. each bran and ground oats, 3 lbs. hominy, 2 lbs. each Ajax Flakes, Schumacher Feed, and oil meal, and 1 lb. gluten; roots and hay.

June—11 lbs. grain daily of 1.5 lbs. each bran, Ajax Flakes, gluten, and oil meal, 3 lbs. hominy, and 2 lbs. ground oats; green peas and grass, hay.

July—15.6 lbs. grain daily of 2 lbs. each bran, hominy, and gluten, 2.8 lbs. each Ajax Flakes and oil meal, and 4 lbs. Schumacher Feed; green peas and grass, hay.

Aug.—Same ration as given in July.

Sept.—15 lbs. grain daily of the following mixture: 300 lbs. bran, 125 lbs. each Ajax Flakes and Brewers' Grains, 200 lbs. Schumacher Feed, 100 lbs. each gluten and oil meal; 20 lbs. beets, 10 lbs. hay.

Oct.—Same ration as given in September.

Nov.—13.2 lbs. grain daily of the following mixture: 7.5 lbs. bran, 4 lbs. each hominy, Schumacher Feed, and gluten, 8 lbs. Ajax Flakes, 7 lbs. oil meal; 32 lbs. rutabagas, 10 lbs. ensilage, hay.

Dec.—Same ration as given in November.

Jan.—Same ration as given in November.

Feb.—Same ration as given in November.

5143 Imp. Maid II. of the Vauquiedor 45969

Sire Governor of the Chêne R. G. A. S. 1297 P. S., A. R.
Sire Compact R. G. A. S. 1076 P. S.
Dam Richesse du Chêne VIII. R. G. A. S. 4004 P. S.
Dam The Maid II. R. G. A. S. 8153 P. S.
Sire Golden Noble II. R. G. A. S. 1836 P. S., A. R.
Dam The Maid R. G. A. S. 2106 F. S.
Breeder J. Edward Le Mottée, Island of Guernsey.
Owner Jean Du Luth Farm, Inc., Duluth, Minn.
Born Dec. 8, 1911. *Calved* Feb. 4, 1916.
Served Aug. 24, 1916.
Requirement for admission: 329.30 lbs. butter fat.
Supervised by Minnesota Agricultural Experiment Station.

Official Year's Record, Class C

		Milk	Butter Fat	
		lbs.	%	lbs.
Feb.	5, 1916,	833.70	3.66	30.51
Mar.,	"	1064.20	3.66	38.95
Apr.,	"	881.60	4.36	38.44
May,	"	848.40	4.75	40.30
June,	"	823.20	4.54	37.37
July,	"	769.00	4.67	35.91
Aug.,	"	721.80	4.87	35.15
Sept.,	"	652.30	5.32	34.70
Oct.,	"	654.60	4.99	32.66
Nov.,	"	617.00	4.50	27.77
Dec.,	"	554.50	5.65	31.33
Jan.,	1917,	539.20	5.38	29.01
Feb.	4, "	64.20	5.38	3.45
Total		**9023.70**	**4.61 Av.**	**415.55**

Owner's Statement of Feed

Feb.—8 lbs. grain daily of 3 parts bran, 1 part each Ajax Flakes and gluten, and 2 parts each Schumacher Feed and oil meal; hay.

Mar.—Same ration as given in February.

Apr.—13.5 lbs. grain daily of 3 parts bran, 1 part each hominy, ground oats, and gluten, 1.25 parts Ajax Flakes, and 2 parts oil meal; roots and hay.

May—11 lbs. grain daily of 3 parts each bran and Schumacher Feed, 2 parts each Ajax Flakes and oil meal, and 1 part gluten; roots and hay.

June—9 lbs. grain daily of 3 parts each bran and Schumacher Feed and 1 part each Ajax Flakes, gluten, and oil meal; pasture.

July—Same ration as given in June.

Aug.—Same ration as given in June.

Sept.—9 lbs. grain daily of 3 parts bran, 1.25 parts each Ajax Flakes and Brewers' Grains, 2 parts Schumacher Feed, and 1 part each gluten feed and oil meal; pasture.

Oct.—Same ration as given in September.

Nov.—9 lbs. grain daily of 8 parts bran, 2 parts each hominy and oil meal, and 1 part each Ajax Flakes and gluten; 9 lbs. rutabagas, 7 lbs. ensilage, hay.

Dec.—Same ration as given in November.

Jan.—Same ration as given in November.

Feb.—Same ration as given in November.

5144 Yeoman's Mixter Lady 58057

Sire Yeoman's King of the May 17053 A. R.
Sire Imp. Yeoman 8618 A. R.
Dam Florham Daisy 18115 A. R. 792.
Dam Lady Nobska of Mixter Farm 39072.
Sire Norfolk Squire 11565 A. R.
Dam Lady Nobska 19711 A. R. 2312.
Breeder Est. George Mixter, Hardwick, Mass.
Owner Est. George Mixter, Hardwick, Mass.
Born Sept. 23, 1913. *Calved* Nov. 14, 1915.
Served May 2, 1916.
Requirement for admission: 256.00 lbs. butter fat.
Supervised by Massachusetts Agricultural Experiment Station.

Official Year's Record, Class G

		Milk	Butter Fat	
		lbs.	%	lbs.
Nov.	18, 1915,	313.20	5.09	15.94
Dec.,	"	974.80	4.95	48.25
Jan.,	1916,	943.10	4.83	45.55
Feb.,	"	812.70	4.93	40.07
Mar.,	"	851.20	4.82	41.03
Apr.,	"	789.40	5.11	40.34
May,	"	694.00	5.28	36.64
June,	"	644.70	4.92	31.72
July,	"	568.40	4.99	28.36
Aug.,	"	534.50	5.37	28.70
Sept.,	"	489.80	4.99	24.44
Oct.,	"	320.80	5.88	18.86
Nov.	17, "	133.10	6.63	8.82
Total		**8069.70**	**5.06 Av.**	**408.72**

Owner's Statement of Feed

Nov.—8 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, ground oats, cottonseed meal, and linseed meal, 250 lbs. Ajax Flakes; 20 lbs. ensilage, alfalfa, clover, and mixed hay.

Dec.—10 lbs. grain daily same mixture as November; 2 lbs. beet pulp, 20 lbs. ensilage, alfalfa, clover, and mixed hay.

Jan.—Same ration as given in December.

Feb.—Same ration as given in December.

Mar.—Same ration as given in December.

Apr.—Same ration as given in December.

May—Same grain ration as December; 2 lbs. beet pulp, 20 lbs. ensilage to the 15th then 10 lbs., alfalfa, clover, and mixed hay to the 20th then green feed and pasture.

June—10 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, ground oats, cottonseed meal, and linseed meal, 200 lbs. hominy, 250 lbs. Ajax Flakes; same roughage as December.

July—Same grain ration as December; 20 lbs. ensilage, clover, alfalfa, and mixed hay, pasture.

Aug.—Same ration as given in July.

Sept.—Same ration as given in July.

Oct.—12 lbs. grain daily same mixture as November, 1915; 2 lbs. beet pulp, 20 lbs. ensilage, clover, alfalfa, and mixed hay, pasture to the 7th.

Nov.—Same ration as October without pasture.

5145 Betsey of Bellview 48017

Sire Imp. Galaxy's Sequel's Royal Gem 16925.
Sire Imp. Galaxy's Sequel 16904 A. R.
Dam Daisy of the Barras R. G. A. S. 2194 F. S.
Dam Imp. Betsey of the Ponchez VI. 36391.
Sire Imp. Roberts' Boy 21662 A. R.
Dam Betsey of the Ponchez R. G. A. S. 2188 F. S.
Breeder F. B. Buckley, Valley Falls, N. Y.
Owner Albert G. Buckley, Valley Falls, N. Y.
Sold May 6, 1916 to C. L. A. Whitney, Albany, N. Y.
Born June 16, 1913. *Calved* Feb. 21, 1916.
Served Aug. 7, 1916.
Requirement for admission: 276.20 lbs. butter fat.
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Official Year's Record, Class F

	Milk	Butter Fat	
	lbs.	%	lbs.
Mar. 1, 1916,	887.30	4.58	40.64
Apr., "	922.90	4.98	45.96
May, "	872.10	4.79	41.77
June, "	903.10	4.82	43.53
July, "	900.10	5.81	52.30
Aug., "	803.70	5.15	41.39
Sept., "	731.60	5.32	38.92
Oct., "	741.30	5.64	41.81
Nov., "	731.70	5.62	41.12
Dec., "	787.10	5.51	43.37
Jan., 1917,	791.00	5.60	44.30
Feb. 28, "	671.50	5.91	39.69
Total	**9743.40**	**5.28 Av.**	**514.80**

Owner's Statement of Feed

Mar.—10 lbs. grain daily of the following mixture: 100 lbs. each bran, ground oats, and Elmore Grains, 50 lbs. corn meal, 25 lbs. oil meal; 3 lbs. beet pulp and 10 lbs. roots after the 14th, ensilage and clover hay.

Apr.—15 lbs. grain daily of equal parts bran, corn meal, ground oats, and Elmore Grains; 3 lbs. beet pulp, 20 lbs. roots, 9 lbs. clover hay.

May—9 to 12 lbs. grain daily to the 14th of the following mixture: 60 lbs. each bran and D. D. D. Grains, 40 lbs. ground oats, 45 lbs. Homcoline, 30 lbs. each Ajax Flakes, gluten, and oil meal, 10 lbs. cottonseed meal, then of 90 lbs. bran, 50 lbs. ground oats, 45 lbs. each Ajax Flakes and D. D. D. Grains, 40 lbs. Homcoline, 10 lbs. each Brewers' Grains, cottonseed meal, and pea meal, 20 lbs. gluten, 30 lbs. oil meal; 1.5 lbs. beet pulp, alfalfa and pasture.

June—10.5 lbs. grain daily, 2 lbs. bran, 1 lb. each corn meal and soy bean meal, 3 lbs. ground oats, .5 lb. molasses, and 3 lbs. of the following mixture: 50 lbs. each bran, corn meal, cottonseed meal, and oil meal, 160 lbs. Ajax Flakes; 5 lbs. beet pulp, pasture.

July—10.5 lbs. grain daily: 2 lbs. bran, 3 lbs. ground oats, 1 lb. Brewers' Grains, .5 lb. molasses, and 4 lbs. same mixture as June; 5 lbs. beet pulp, 6 lbs. alfalfa, pasture half a day.

Aug.—10.5 lbs. grain daily to the 18th of 2 lbs. bran, 1 lb. each corn meal and soy bean meal, 3 lbs. oats, .5 lb. molasses, and 3 lbs. same mixture as June; then 9.9 lbs. daily of 1.4 lbs. each bran, corn meal, and ground oats, 2.8 lbs. Ajax Flakes, .8 lb. cottonseed meal, 1.1 lbs. oil meal, .5 lb. each soy bean meal and molasses; 3 lbs. beet pulp, 10 lbs. roots, 25 lbs. green corn, alfalfa, pasture half a day.

Sept.—Same grain ration as last of August; 3 lbs. beet pulp, 10 lbs. mangels, 25 lbs. green corn stalks, 8 lbs. alfalfa, pasture half a day.

Oct.—9.8 lbs. grain daily, 1.4 lbs. ground oats, .9 lb. soy bean meal, .6 lb. each cottonseed meal and molasses, and 6.3 lbs. of the following mixture: 12.5 lbs. each bran, corn meal, and oil meal, 40 lbs. Ajax Flakes, 6.5 lbs. cottonseed meal; 3.9 lbs. beet pulp, 25 lbs. roots, 20 lbs. ensilage, 10 lbs. alfalfa.

Nov.—Same ration as given in October.
Dec.—Same ration as given in October.
Jan.—Same ration as given in October.
Feb.—Same ration as given in October.

5146 Viola of Crystal Pond 47448

Sire Jedetta's King of Pinehurst 19632 A. R.
Sire Dairymaid's King 12898 A. R.
Dam Jedetta 3d 21496 A. R. 1298.
Dam Norah of Lansing 16758.
Sire Unigo of Maple Glen 6960.
Dam Belle S. of Fairview 16445.
Breeder Le Roy A. Buck, Groton, N. Y.
Owner Le Roy A. Buck, Groton, N. Y.
Born May 24, 1913. *Calved* Nov. 20, 1915.
Served May 3, 1916.
Requirement for admission: 269.50 lbs. butter fat.
Supervised under one day test by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Official Year's Record, Class F

	Milk	Butter Fat	
	lbs.	%	lbs.
Dec. 1, 1915,	852.30	3.87	32.98
Jan., 1916,	848.10	5.21	44.19
Feb., "	801.30	4.50	36.06
Mar., "	843.20	4.17	35.16
Apr., "	698.50	4.66	32.55
May, "	736.60	4.15	30.57
June, "	671.50	4.35	29.21
July, "	677.70	4.33	29.34
Aug.,* "	314.60	4.30	13.53
Sept., "	603.70	4.90	29.58
Oct., "	589.30	4.46	26.28
Nov. 30, "	570.90	4.95	28.26
Total	**8207.70**	**4.48 Av.**	**367.71**

*16 days lacking.

Owner's Statement of Feed

Dec.—6 increased to 10.8 lbs. grain daily of .7 to 1.5 lbs. each corn meal and ground oats, 4.5 to 7.5 lbs. Union Grains, and 1.5 lbs. to .3 lb. oil meal; 3 lbs. beet pulp, 15 lbs roots, corn stover and alfalfa.

Jan.—8.8 lbs. grain daily of .5 lb. each corn meal and ground oats, 7.5 lbs. Union Grains, and .3 lb. oil meal; 3 lbs. beet pulp, corn stover, alfalfa and clover hay.

Feb.—10.5 lbs. grain daily of 1.5 lbs. each corn meal and ground oats and 7.5 lbs. Union Grains; 3.5 lbs. beet pulp, alfalfa and mixed hay.

Mar.—11.1 lbs. grain daily, 8.1 lbs. of the following mixture with 3 lbs. corn and oats added: 50 lbs. each bran, oats, and Ajax Flakes, 25 lbs. each wheat middlings, Buffalo gluten feed, cottonseed meal, and oil meal; 3.5 lbs. beet pulp, alfalfa and mixed hay.

Apr.—12 lbs. grain daily of 1 part of 50 lbs. each bran and buckwheat and 100 lbs. ground oats, 1 part Unicorn Dairy Ration to the 20th then of Ajax Flakes, and 1 part of 100 lbs. corn and 200 lbs. oats ground together; 4 lbs. beet pulp, alfalfa.

May—9.5 to 11.5 lbs. grain daily of the following mixture: 135 lbs. oats and buckwheat, 126 lbs. Ajax Flakes, 125 lbs. Union Grains; alfalfa to the 19th, pasture from the 10th.

June—10 lbs. grain daily of the following mixture: 124 lbs. ground (oats and barley), 130 lbs. Ajax Flakes, 125 lbs. Union Grains; pasture.

July—9 lbs. grain daily of the following mixture: 130 lbs. ground (oats and barley), 125 lbs. Union Grains; pasture.

Aug.—9.5 lbs. grain daily of the following mixture: 85 lbs. ground (oats and barley), 100 lbs. Union Grains; pasture.

Sept.—10 lbs. grain daily same mixture as August; green corn from the 16th, pasture.

Oct.—Same grain ration as September; green corn, pumpkins, and pasture.

Nov.—9 lbs. grain daily of the following mixture: 85 lbs. each ground (oats and barley) and D. D. D. Grains, 100 lbs. Union Grains; corn fodder, alfalfa, and clover hay.

5147 Imp. Ladock Rose of Gold 53969

Sire Ladock Dairy King 2322 E. G. H. B.
Sire Governs King 1933 E. G. H. B.
Dam Ladock Pride 6941 E. G. H. B.
Dam Ladock Joy 8140 E. G. H. B.
Sire Braye Boy 3d 1906 E. G. H. B., R. G. A. S. 1868 P. S., A. R.
Dam Ladock Lily 6940 E. G. H. B., Lily of the Préel X. R. G. A. S. 4798 P. S.
Breeder Rev. Canon S. R. Raffles—Flint, England.
Owner Ben B. Mitchell, Troy, Pa.
Born May 18, 1912. *Calved* Feb. 21, 1916.
Served Oct. 23, 1916.
Requirement for admission: 315.60 lbs. butter fat.
Supervised by Pennsylvania Agricultural Experiment Station.

Official Year's Record, Class D

	Milk	Butter Fat	
	lbs.	%	lbs.
Mar. 1, 1916,	1009.50	4.55	45.93
Apr., "	933.50	4.90	45.74
May, "	976.50	5.40	52.73
June, "	899.00	4.83	43.42
July, "	890.90	5.17	46.06
Aug., "	766.90	5.12	39.27
Sept., "	737.60	5.41	39.90
Oct., "	705.10	5.35	37.72
Nov., "	566.10	5.45	30.85
Dec., "	604.70	5.38	32.53
Jan., 1917,	666.30	5.65	37.65
Feb. 28, "	617.90	5.68	35.10
Total	**9374.00**	**5.19 Av.**	**486.90**

Owner's Statement of Feed

Mar.—9 lbs. grain daily to the 18th of the following mixture: 100 lbs. each bran, Brewers' Grains, Larro-Feed, and gluten, 75 lbs. ground oats, from 19th to 22d of 200 lbs. each bran, Larro-Feed, and gluten, 100 lbs. each Brewers' Grains and cottonseed meal; 4 qts. beet pulp, 30 lbs. ensilage, 7 lbs. hay, then 9 lbs. of equal parts bran, middlings, D. D. D. Grains, gluten, and cottonseed meal; 9 lbs.beet pulp, 30 lbs. ensilage, 7 lbs. clover hay.

Apr.—Same ration as given last of March.

May—Same ration as last of March to the 18th, then 6 lbs. grain daily of the following mixture: 50 lbs. bran, 400 lbs. corn meal, 200 lbs. gluten, 75 lbs. cottonseed meal; hay and pasture.

June—6 lbs. grain daily of the following mixture: 50 lbs. bran, 200 lbs. each corn meal, D. D. D. Grains, and gluten, 75 lbs. cottonseed meal; hay and pasture.

July—Same ration as given in June.

Aug.—6 lbs. grain daily of equal parts hominy, D. D. D. Grains, and gluten; 30 lbs. ensilage, hay and pasture.

Sept.—Same ration as given in August.

Oct.—Same ration as given in August.

Nov.—6 lbs. Larro-Feed daily; 30 lbs. ensilage, clover hay.

Dec.—Same ration as given in November.

Jan.—Same ration as given in November.

Feb.—Same ration as given in November.

5148 Gracieuse Rose 54090

Sire Beda's May King 11893 A. R.
Sire Imp. May Rose King 8336 A. R.
Dam Sheet Anchor's Beda 18228 A. R. 643.
Dam Imp. Gracieuse VII. of the Ramée 18920 A. R. 716.
Sire Imp. Masher's Sequel 11462 A. R.
Dam Gracieuse II. of the Ramée R. G. A. S. 5190 P. S
Breeder S. M. Shoemaker, Eccleston, Md.
Owner Delaware College, Newark, Del.
Born Nov. 3, 1913. *Calved* Jan. 12, 1916.
Requirement for admission: 257.80 lbs. butter fat.
Supervised by Delaware Agricultural Experiment Station.

Official Year's Record, Class G

	Milk	Butter Fat	
	lbs.	%	lbs.
Jan. 16, 1916,	431.80	4.45	19.22
Feb., "	821.50	3.83	31.46
Mar., "	873.70	4.11	35.91
Apr., "	799.50	4.24	33.90
May, "	846.10	4.50	38.07
June, "	788.40	4.32	34.06
July, "	770.40	4.36	33.59
Aug., "	721.60	4.36	31.46
Sept., "	685.00	4.62	31.65
Oct., "	704.40	4.03	28.39
Nov., "	609.30	4.65	28.33
Dec., "	678.60	4.70	31.89
Jan. 15, 1917,	289.10	5.19	15.00
Total	**9019.40**	**4.36 Av.**	**392.93**

Owner's Statement of Feed

Jan.—9 lbs. grain daily of the following mixture: 200 lbs. each bran and hominy, 100 lbs. gluten, 50 lbs. each gluten meal, cottonseed meal, and oil meal, 150 lbs. beet pulp; 1 lb. molasses, 2 lbs. beet pulp, 25 lbs. ensilage, 8 lbs. alfalfa.

Feb.—11 lbs. grain daily same mixture as January; 1 lb. molasses, 3 lbs. beet pulp, 30 lbs. ensilage, 8 lbs. alfalfa.

Mar.—Same ration as given in February.

Apr.—Same ration as given in February.

May—Same ration as given in February with clover hay in place of alfalfa.

June—10 lbs. grain daily of 4 lbs. each bran and hominy, 1 lb. gluten feed, and .5 lb. each cottonseed meal and oil meal; 1.5 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. alfalfa.

July—8.925 lbs. grain daily of 2.75 lbs. each bran and hominy, 1.37 lbs. gluten feed, .685 lb. each gluten meal, cottonseed meal, and oil meal; 6.06 lbs. beet pulp, 30 lbs. ensilage, 8 lbs. alfalfa.

Aug.—8.9375 lbs. grain daily of 2.75 lbs. each bran and hominy, 1.375 lbs. gluten feed, .6875 lb. each gluten, cottonseed meal, and oil meal; 6.06 lbs. beet pulp, 30 lbs. ensilage, 8 lbs. alfalfa.

Sept.—Same ration as given in August.

Oct.—Same ration as given in August.

Nov.—Same ration as given in August.

Dec.—Same ration as given in August.

Jan.—Same ration as given in August.

5149 Second Belle 39972

Sire Guydette, Jr. 11405 A. R.
Sire Guydette 3966 A. R.
Dam Peach O. K. 12994 A. R. 554.
Dam Belle of Helendale 23113 A. R. 1522.
Sire Buckthorn 4781 A. R.
Dam Yeksa Belle 14351 A. R. 319.
Breeder Helendale Farms, Milwaukee, Wis.
Owner Helendale Farms, Milwaukee, Wis.
Born Dec. 17, 1911. *Calved* Feb. 23, 1916.
Served Aug. 14, 1916.
Requirement for admission: 330.80 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class C

	Milk lbs.	Butter Fat %	Butter Fat lbs.
Feb. 29, 1916,	30.10	4.95	1.49
Mar., "	963.10	4.95	47.67
Apr., "	843.40	5.16	43.52
May, "	837.90	4.99	41.81
June, "	785.50	5.81	45.64
July, "	758.90	5.75	43.64
Aug., "	662.40	6.35	42.06
Sept., "	535.50	6.91	37.00
Oct., "	517.80	6.16	31.90
Nov., "	417.80	6.63	27.70
Dec., "	404.20	6.89	27.85
Jan., 1917,	359.30	7.31	26.26
Feb. 28, "	220.50	6.80	14.99
Total	**7336.40**	**5.88 Av.**	**431.53**

Owner's Statement of Feed

Feb.—8 lbs. grain daily of .8 lb. each corn meal, ground oats, and oil meal, 2.4 lbs. Ajax Flakes, and 3.2 lbs. alfalfa meal; 6 lbs. beet pulp, 30 lbs. ensilage, mixed clover and timothy hay.

Mar.—10 lbs. grain daily of 1 lb. each corn meal, ground oats, and oil meal, 3 lbs. Ajax Flakes, and 4 lbs. ground alfalfa and clover; 6 lbs. beet pulp, 30 lbs. ensilage, alfalfa and mixed clover hay.

Apr.—Same ration as given in March.

May—8 lbs. grain daily of .8 lb. each corn meal, ground oats, and oil meal, 2.4 lbs. Ajax Flakes, and 3.2 lbs. ground alfalfa and clover; 4 lbs. beet pulp, 10 lbs. ensilage, clover and blue grass pasture.

June—11.3 lbs. grain daily of 1.4 lbs. each ground oats and oil meal, 3.6 lbs. Ajax Flakes, and 4.9 lbs. ground alfalfa and clover; clover and blue grass pasture.

July—11 lbs. grain daily of 4.4 lbs. bran, 1.1 lbs. each corn meal and oil meal, 2.2 lbs. each ground oats and Ajax Flakes; clover and blue grass pasture.

Aug.—9 lbs. grain daily of 2.7 lbs. each bran and Ajax Flakes, .9 lb. each corn meal and oil meal, 1.8 lbs. ground oats; clover and blue grass pasture.

Sept.—10 lbs. grain daily of 2 lbs. each bran, ground oats, and ground barley, 3 lbs. Ajax Flakes, and 1 lb. oil meal; alfalfa and clover pasture.

Oct.—10 lbs. grain daily of 1 lb. ground oats, 2 lbs. ground barley, 2.5 lbs. Ajax Flakes, 4 lbs. ground clover and alfalfa, and .5 lb. oil meal; 3 lbs. beet pulp, 30 lbs. ensilage, mixed clover and alfalfa.

Nov.—8 lbs. grain daily of .8 lb. each ground barley and ground oats, 2 lbs. Ajax Flakes, 4 lbs. ground clover and alfalfa, and .4 lb. oil meal; 3 lbs. beet pulp, 30 lbs. ensilage, mixed clover and timothy hay.

Dec.—8 lbs. grain daily of .8 lb. ground barley, 1.6 lbs. ground oats, 2 lbs. Ajax Flakes, 3.2 lbs. ground clover and alfalfa, .4 lb. oil meal; 4 lbs. beet pulp, 25 lbs. ensilage, mixed clover and alfalfa.

Jan.—6.9 lbs. grain daily of .7 lb. each ground oats and ground barley, 1.5 lbs. Ajax Flakes, 3.5 lbs. ground clover and alfalfa, and .5 lb. oil meal; 4 lbs. beet pulp, 25 lbs. ensilage, mixed clover and alfalfa hay.

Feb.—8 lbs. grain daily of .8 lb. each ground oats, ground barley, and gluten, 2.4 lbs. Ajax Flakes, and 3.2 lbs. ground clover and alfalfa; 3 lbs. beet pulp, 25 lbs. ensilage, mixed clover and timothy hay.

5150 Ultra's Lady Sterling 49694

Sire Ne Plus Ultra 15265 A. R.
Sire Dolly Dimple's May King of Langwater 12997 A. R.
Dam Imp. Itchen Daisy 3d 15630 A. R. 100.
Dam Lady Sterling 27509 A. R. 2548.
Sire Speculator 11691.
Dam Imp. Lady Financier 19669 A. R. 1200.
Breeder J. L. Hope, Madison, N. J.
Owner J. L. Hope, Madison, N. J.
Born Nov. 3, 1913. *Calved* Feb. 15, 1916.
Served Jan. 7, 1917.
Requirement for admission: 261.10 lbs. butter fat.
Supervised under one day test by New Jersey Agricultural Experiment Station.

Official Year's Record, Class G

	Milk lbs.	Butter Fat %	Butter Fat lbs.
Feb. 18, 1916,	312.50	4.05	12.66
Mar., "	909.10	4.05	36.82
Apr., "	915.05	4.29	39.26
May, "	941.15	4.42	41.60
June, "	867.00	5.15	44.65
July, "	866.95	4.76	41.27
Aug., "	813.55	4.63	37.67
Sept., "	768.00	5.11	39.24
Oct., "	770.60	4.78	36.83
Nov., "	696.85	5.56	38.74
Dec., "	749.30	5.59	41.89
Jan., 1917,	708.60	5.12	36.28
Feb. 17, "	405.45	5.21	21.12
Total	**9724.10**	**4.81 Av.**	**468.03**

Owner's Statement of Feed

Feb.—62 lbs. grain: 14 lbs. bran, 5 lbs. each crushed oats and oil meal, 38 lbs. Union Grains; 24 lbs. beet pulp, 72 lbs. each ensilage, alfalfa, and clover hay.

Mar.—310 lbs. grain: 36 lbs. bran, 13 lbs. each crushed oats and oil meal, 248 lbs. Union Grains; 62 lbs. beet pulp, 248 lbs. ensilage, 155 lbs. each alfalfa and mixed hay.

Apr.—300 lbs. grain: 36 lbs. bran, 12 lbs. each crushed oats and oil meal, 240 lbs. Union Grains; 120 lbs. beet pulp, 240 lbs. ensilage, 150 lbs. each alfalfa and mixed hay.

May—Same grain ration as March; 124 lbs. beet pulp, 248 lbs. ensilage, 124 lbs. each alfalfa and mixed hay.

June—270 lbs. grain: 36 lbs. bran, 12 lbs. each crushed oats and oil meal, 210 lbs. Union Grains; 120 lbs. each beet pulp and alfalfa, 240 lbs. ensilage, pasture.

July—Same grain ration as March; 145 lbs. beet pulp, 30 lbs. ensilage, 775 lbs. green forage, pasture.

Aug.—Same grain ration as March; 62 lbs. beet pulp, 186 lbs. ensilage, pasture.

Sept.—Same grain ration as April; 120 lbs. beet pulp, 180 lbs. ensilage, 225 lbs. green corn, 450 lbs. green grass, 60 lbs. mixed hay.

Oct.—Same grain ration as March; 124 lbs. beet pulp, 620 lbs. ensilage, 248 lbs. mixed hay.

Nov.—Same grain ration as April; 750 lbs. ensilage, 310 lbs. alfalfa.

Dec.—Same grain ration as March; 620 lbs. ensilage, 372 lbs. alfalfa.

Jan.—284 lbs. grain: 36 lbs. bran, 13 lbs. each crushed oats and oil meal, 222 lbs. Union Grains; 588 lbs. ensilage, 310 lbs. alfalfa.

Feb.—170 lbs. grain: 20 lbs. bran, 7 lbs. each crushed oats and oil meal, 136 lbs. Union Grains; 340 lbs. ensilage, 170 lbs. alfalfa.

5151 Izora of Hickory Grove 39832

Sire Jeweller's August 7602.
Sire Lily Ella's Jeweller 5417 A. R.
Dam Augusta H. 9173.
Dam Bell of Hickory Hill 29220.
Sire Victor of Lakeside 7739.
Dam Arabella of Forest Lodge 21217.
Breeder T. J. Wright, Mauston, Wis.
Owner T. J. Wright, Mauston, Wis.
Born Oct. 11, 1911. *Calved* Nov. 30, 1915.
Served Dec. 26, 1915. *Calved* Oct. 16, 1916.
Requirement for admission: 328.70 lbs. butter fat.
Supervised under one day test by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class C

	Milk lbs.	Butter Fat %	Butter Fat lbs.
Dec. 3, 1915,	971.20	4.23	41.08
Jan., 1916,	1028.70	3.92	40.33
Feb., "	934.70	4.32	40.38
Mar., "	967.80	4.32	41.81
Apr., "	902.60	4.67	42.15
May, "	900.60	4.81	43.32
June, "	802.10	5.08	40.75
July, "	553.00	7.60	42.03
Aug., "	392.10	6.95	27.25
Sept., "	146.30	8.29	12.13
Oct.,* "	393.00	5.75	22.60
Nov., "	937.00	5.75	53.88
Dec. 2, "	66.90	5.75	3.85
Total	**8996.00**	**5.02 Av.**	**451.56**

*16 days lacking.

Owner's Statement of Feed

Dec.—10 lbs. grain daily of 4 parts each bran, ground oats, ground barley, and D. D. D. Grains, and 2 parts each cottonseed meal and oil meal; 30 lbs. ensilage, mixed hay.

Jan.—10 lbs. grain daily of 4 parts each bran, ground oats, ground barley, and D. D. D. Grains, and 1 part each gluten, cottonseed meal, and oil meal; 32 lbs. ensilage, mixed hay.

Feb.—Same ration as January.

Mar.—10.5 lbs. grain daily same mixture as January; 30 lbs. ensilage, mixed hay.

Apr.—Same ration as January.

May—Same ration as January to the 8th, then 8 lbs. same grain ration; ensilage, hay, and pasture.

June—Same ration as last of May.

July—Same ration as last of May.

Aug.—Same ration as last of May with 20 lbs. ensilage from the 9th.

Sept.—Same ration as last of August.

Oct.—4 lbs. grain daily of equal parts bran, ground oats, ground barley, and D. D. D. Grains; 20 lbs. ensilage, hay.

Nov.—13 lbs. grain daily same mixture as October; 35 lbs. ensilage, mixed hay.

Dec.—Same ration as October.

5152 Imp. Jenemies' Beauty III. 47186

Sire Governor of the Chêne R. G. A. S. 1297 P. S., A. R.
Sire Compact R. G. A. S. 1076 P. S.
Dam Richesse du Chêne VIII. R. G. A. S. 4004 P. S.
Dam Jenemies' Beauty II. R. G. A. S. 3496 F. S.
Sire On Guernsey.
Dam Jenemies' Beauty R. G. A. S. 2401 F. S.
Breeder J. Tardivel, Island of Guernsey.
Owner C. W. Barron, Cohasset, Mass.
Born Mar. 4, 1913. *Calved* Jan. 11, 1916.
Served July 29, 1916.
Requirement for admission: 282.60 lbs. butter fat.
Supervised by Massachusetts Agricultural Experiment Station.

Official Year's Record, Class F

	Milk lbs.	Butter Fat %	Butter Fat lbs.
Jan. 20, 1916,	372.20	4.93	18.35
Feb., "	856.40	4.45	38.11
Mar., "	796.20	4.98	39.65
Apr., "	719.00	4.96	35.66
May, "	737.70	5.34	39.39
June, "	693.90	5.48	38.03
July, "	698.80	5.35	37.39
Aug., "	724.30	5.29	38.32
Sept., "	699.60	4.70	32.88
Oct., "	647.50	5.39	34.90
Nov., "	575.10	5.81	33.41
Dec., "	624 30	5.32	33.21
Jan. 19, 1917,	389.70	5.42	21.12
Total	**8534.70**	**5.16 Av.**	**440.42**

Owner's Statement of Feed

Jan.—6 lbs. grain daily of the following mixture: 150 lbs. each bran and Brewers' Grains, 100 lbs. each hominy, ground oats, Ajax Flakes, gluten, and oil meal, 50 lbs. cottonseed meal; 6 lbs. beet pulp, 10 lbs. ensilage, 12 lbs. hay.

Feb.—10 lbs. grain daily same mixture as January; 6 lbs. beet pulp, 10 lbs. each ensilage and alfalfa.

Mar.—10 lbs. grain daily of the following mixture: 150 lbs. each bran, Ajax Flakes, and Brewers' Grains, 100 lbs. each hominy, Schumacher Feed, gluten, and oil meal, 50 lbs. cottonseed meal; 6 lbs. beet pulp, 8 lbs. ensilage, 10 lbs. alfalfa.

Apr.—9 lbs. grain daily same mixture as March; 5 lbs. beet pulp, 10 lbs. each ensilage and alfalfa.

May—9 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each hominy, Ajax Flakes, Schumacher Feed, Biles XXXX, gluten, and oil meal, 125 lbs. Brewers' Grains, 50 lbs. cottonseed meal; 6 lbs. beet pulp, 10 lbs. each ensilage and alfalfa.

June—8 lbs. grain daily same mixture as March; 6 lbs. beet pulp, 9 lbs. each ensilage and alfalfa.

July—8 lbs. grain daily of the following mixture: 150 lbs. each bran, Ajax Flakes, Brewers' Grains, and Schumacher Feed, 100 lbs. each hominy, gluten, and oil meal, 50 lbs. cottonseed meal; 4 lbs. beet pulp, 9 lbs. ensilage, 10 lbs. alfalfa.

Aug.—Same grain ration as July; 4 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. alfalfa.

Sept.—12 lbs. grain daily of the following mixture: 300 lbs. each bran and Ajax Flakes, 192 lbs. ground oats, 200 lbs. each corn meal, Brewers' Grains, gluten, cottonseed meal, and oil meal; beet pulp, mangels, 12 lbs. hay.

Oct.—8 lbs. grain daily same mixture as September; 6 lbs. beet pulp, 8 lbs. each ensilage and alfalfa.

Nov.—6 to 7 lbs. grain daily of the following mixture: 300 lbs. each bran and Ajax Flakes, 200 lbs. each corn meal, ground oats, Brewers' Grains, gluten, cottonseed meal, and oil meal; 6 lbs. beet pulp, 10 lbs. each ensilage and alfalfa.

Dec.—7 lbs. grain daily same mixture as September; 6 lbs. beet pulp, 10 lbs. each ensilage and alfalfa.

Jan.—Same ration as given in December.

5153 Langwater Gaiety 50107

Sire Imp. King of the May 9001 A. R.
Sire Imp. May Rose King 8336 A. R.
Dam Imp. Itchen Daisy 3d 15630 A. R. 100.
Dam Imp. France XXV. 24829 A. R. 1087.
Sire Imp. St. Amant 11600 A. R.
Dam On Guernsey France VI. R. G. A. S. 4620 P. S.
Breeder F. Lothrop Ames, North Easton, Mass.
Owner F. Lothrop Ames, North Easton, Mass.
Sold Oct. 10, 1916 to H. C. Lapham, Brookline, Mass.
Born Sept. 9, 1913. *Calved* Jan. 22, 1916.
Served July 12, 1916.
Requirement for admission: 264.50 lbs. butter fat.
Supervised by Massachusetts Agricultural Experiment Station.

Official Year's Record, Class G

	Milk	Butter Fat	
	lbs.	%	lbs.
Jan. 28, 1916,	123.00	4.20	5.17
Feb., "	1037.60	4.20	43.58
Mar., "	1113.10	4.57	50.87
Apr., "	1057.50	4.69	49.60
May, "	1064.10	4.42	47.03
June, "	1017.10	4.82	49.02
July, "	786.80	4.73	37.22
Aug., "	893.00	4.79	42.77
Sept., "	898.10	4.87	43.74
Oct., "	761.30	5.12	38.98
Nov., "	744.40	5.43	40.42
Dec., "	896.20	4.77	42.75
Jan. 27, 1917,	783.10	4.77	37.35
Total	**11175.30**	**4.73 Av.**	**528.50**

Owner's Statement of Feed

Jan.—29.5 lbs. grain: 5.93 lbs. each bran, ground oats, and gluten, 1.94 lbs. each hominy and alfalfa meal, 3.88 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 100 lbs. ensilage, 24 lbs. hay.

Feb.—310 lbs. grain: 58.1 lbs. each bran, ground oats, and gluten, 19.5 lbs. hominy, 38.7 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 145 lbs. beet pulp, 1015 lbs. ensilage, 203 lbs. hay.

Mar.—341 lbs. grain: 63.9 lbs. each bran, ground oats, and gluten, 21.3 lbs. hominy, 42.6 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 155 lbs. beet pulp, 1085 lbs. ensilage, 217 lbs. hay.

Apr.—360 lbs. grain: 67.5 lbs. each bran, ground oats, and gluten, 22.5 lbs. hominy, 45 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 150 lbs. beet pulp, 1140 lbs. ensilage, 210 lbs. hay.

May—372 lbs. grain: 65.65 lbs. each bran, ground oats, and gluten, 21.88 lbs. each hominy and alfalfa meal, 43.76 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 186 lbs. beet pulp, 1240 lbs. ensilage, 217 lbs. hay.

June—360 lbs. grain: 63.5 lbs. each bran, ground oats, and Ajax Flakes, 21.2 lbs. each hominy and alfalfa meal, 42.3 lbs. each gluten, cottonseed meal, and oil meal; 180 lbs. beet pulp, 900 lbs. ensilage, green feed.

July—330 lbs. grain: 58.23 lbs. each bran, ground oats, and Ajax Flakes, 19.41 lbs. each hominy and alfalfa meal, 38.82 lbs. each gluten, cottonseed meal, and oil meal; 155 lbs. roots, 620 lbs. ensilage, green feed.

Aug.—310 lbs. grain: 58.1 lbs. each bran, ground oats, and Ajax Flakes, 19.4 lbs. hominy, 38.7 lbs. each gluten, cottonseed meal, and oil meal; 186 lbs. beet pulp, 775 lbs. ensilage, 248 lbs. alfalfa.

Sept.—330 lbs. grain: 61.88 lbs. each bran, ground oats, and Ajax Flakes, 20.63 lbs. hominy, 41.25 lbs. each gluten, cottonseed meal, and oil meal; 120 lbs. beet pulp, green corn and alfalfa.

Oct.—360 lbs. grain, 312 lbs. of the following mixture: 300 lbs. each bran, ground oats, and Ajax Flakes, 100 lbs. hominy, 200 lbs. each gluten, cottonseed meal, and oil meal; 48 lbs. of 9 lbs. each bran, ground oats, and Ajax Flakes, 3 lbs. corn meal, 6 lbs. each gluten, cottonseed meal, and oil meal; 1085 lbs. ensilage, 252 lbs. hay.

Nov.—360 lbs. grain: 67.5 lbs. each bran, ground oats, and Ajax Flakes, 22.5 lbs. corn meal, 45 lbs. each gluten, cottonseed meal, and oil meal; 90 lbs. beet pulp, 1050 lbs. roots, 300 lbs. hay.

Dec.—372 lbs. grain: 69.75 lbs. each bran, ground oats, and Ajax Flakes, 23.25 lbs. corn meal, 46.5 lbs. each gluten, cottonseed meal, and oil meal; 186 lbs. beet pulp, 1085 lbs. ensilage, 279 lbs. hay.

Jan.—324 lbs. grain: 60.75 lbs. each bran, ground oats, and Ajax Flakes, 20.25 lbs. corn meal, 40.5 lbs. each gluten, cottonseed meal, and oil meal; 162 lbs. beet pulp, 675 lbs. roots, 243 lbs. mixed hay.

5154 Silver Darling of Oak Lawn 48862

Sire Imp. Silver King of the Isle 14363 A. R.
Sire Imp. Sequel's Monogram 15649 A. R.
Dam Imp. Daisy of the Videclins IV. 26626.
Dam Lelah Darling 26154.
Sire Rubina's Golden Prince 6351.
Dam Lelah Bell 16845 A. R. 1974.
Breeder W. F. Rather & Son, Peebles, Wis.
Owner Armand P. Rather, Peebles, Wis.
Born Sept. 15, 1913. *Calved* Nov. 11, 1915.
Served Feb. 21, 1916.
Requirement for admission: 256.40 lbs. butter fat.
Supervised under one day test by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class G

	Milk	Butter Fat	
	lbs.	%	lbs.
Nov. 14, 1915,	466.30	4.23	19.72
Dec., "	818.10	4.74	38.78
Jan., 1916,	741.80	2.77	20.55
Feb., "	619.80	4.76	29.50
Mar., "	618.80	4.42	27.35
Apr., "	558.00	4.74	26.45
May, "	562.00	5.23	29.39
June, "	372.00	5.26	19.57
July, "	379.40	4.92	18.67
Aug., "	301.40	6.18	18.63
Sept., "	183.10	6.20	11.35
Oct., "	109.70	8.00	8.78
Nov. 13, "	Dry.		
Total	**5730.40**	**4.69 Av.**	**268.74**

Owner's Statement of Feed

Nov.—2 to 5 lbs. to the 24th of equal parts bran and ground oats, then 5 to 9 lbs. of the following mixture: 3 lbs. bran, 2.5 lbs. each ground oats and ground barley, .5 lb. Ajax Flakes; 2 lbs. beet pulp, ensilage and alfalfa.

Dec.—8 lbs. grain daily of 3 lbs. bran, 2 lbs. each ground oats and Ajax Flakes, 1 lb. ground barley; 2 lbs. beet pulp, ensilage and alfalfa.

Jan.—Same ration as given in December.

Feb.—8 lbs. grain daily of the following mixture: 200 lbs. bran, 150 lbs. ground oats, 125 lbs. Ajax Flakes; 2 lbs. beet pulp, 25 lbs. ensilage, alfalfa.

Mar.—Same grain ration as February; 2 lbs. beet pulp, ensilage and alfalfa.

Apr.—8 lbs. grain daily of the following mixture: 100 lbs. each bran and ground oats, 125 lbs. Ajax Flakes; .5 pint molasses, 2 lbs. beet pulp, ensilage and alfalfa.

May—Same ration to the 21st as given in April, then 6 lbs. grain daily; ensilage and pasture.

June—5 lbs. grain daily after the 4th of the following mixture: 100 lbs. each bran and ground oats, 125 lbs. Ajax Flakes; alfalfa and pasture.

July—5 lbs. grain daily of equal parts bran, whole oats, and Ajax Flakes; ensilage after the 15th, alfalfa and pasture.

Aug.—Same grain ration as July; 25 lbs. ensilage, pasture.

Sept.—4 lbs. grain daily to the 14th of equal parts bran, ground oats, and Ajax Flakes, then of equal parts bran and ground oats; alfalfa and pasture.

Oct.—Ensilage after the 10th, alfalfa and pasture.

5155 Goldfinch of the Glen 29560

Sire Toby of the Glen 11538.
Sire Fernwood of Homestead 7448 A. R.
Dam Heather of The Glen 10146 A. R. 557.
Dam Queen of the Glen 23169.
Sire Beacon Light B. 9417 A. R.
Dam Cottage Maid of the Glen 15594 A. R. 2144.
Breeder H. A. C. Taylor, Newport, R. I.
Owner New Hampshire College, Durham, N. H.
Born July 26, 1909. *Calved* Jan. 23, 1916.
Served July 3, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by New Hampshire Agricultural Experiment Station.

Official Year's Record, Class A

	Milk	Butter Fat	
	lbs.	%	lbs.
Jan. 27, 1916,	170.00	4.51	7.70
Feb., "	1193.70	4.51	53.84
Mar., "	1120.30	3.90	43.69
Apr., "	1077.70	3.80	40.95
May, "	1078.00	3.78	40.75
June, "	882.60	3.89	34.33
July, "	794.40	4.18	33.21
Aug., "	703.10	4.18	29.39
Sept., "	608.90	4.19	25.51
Oct., "	563.60	4.00	22.54
Nov., "	519.00	3.90	20.24
Dec., "	502.60	4.60	23.12
Jan. 26, 1917,	372.40	4.58	17.06
Total	**9587.00**	**4.09 Av.**	**392.33**

Owner's Statement of Feed

Jan.—12 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal, gluten, cottonseed meal, and oil meal, 130 lbs. ground oats, 63 lbs. Ajax Flakes; 4 lbs. beets, 20 lbs. ensilage, 12 lbs. hay.

Feb.—Same ration as given in January.

Mar.—12 lbs. grain daily of the following mixture: 200 lbs. each bran and Schumacher Feed, 100 lbs. each hominy and oil meal, 50 lbs. each corn meal and cottonseed meal, 125 lbs. Ajax Flakes; 4 lbs. beet pulp, 20 lbs. ensilage, hay.

Apr.—12 lbs. grain daily of the following mixture: 200 lbs. each bran and Schumacher Feed, 100 lbs. each hominy, gluten, cottonseed meal, and oil meal, 125 lbs. Ajax Flakes; 4 lbs. beet pulp, 20 lbs. ensilage, 15 lbs. hay.

May—Same ration as given in April.

June—5.8 lbs. grain daily of 1.3 lbs. each bran and Schumacher Feed, .6 lb. each hominy, gluten, cottonseed meal, and oil meal, and .8 lb. Ajax Flakes, 15 lbs. ensilage, pasture.

July—7 lbs. grain daily of 1.75 lbs. each bran and hominy and 3.5 lbs. Schumacher Feed; pasture.

Aug.—7 lbs. grain daily of 2 lbs. each bran and hominy and 3 lbs. Schumacher Feed; pasture.

Sept.—Same grain ration as August; 29.5 lbs. hay, pasture.

Oct.—7 lbs. grain daily to the 20th of the following mixture: 200 lbs. bran, 100 lbs. each hominy and cottonseed meal, 300 lbs. Schumacher Feed, 50 lbs. oil meal; then 6 lbs. of 4 parts bran, 2 parts each hominy and cottonseed meal, 6 parts Schumacher Feed, and 1 part oil meal; ensilage, millet, and mixed hay.

Nov.—6 lbs. grain of the following mixture: 200 lbs. each bran and Schumacher Feed, 100 lbs. each hominy and cottonseed meal, 50 lbs. oil meal; 20 lbs. ensilage, 14.6 lbs. hay.

Dec.—Same grain ration as November with 100 lbs. gluten added to mixture; 20.25 lbs. ensilage, 15 lbs. mixed hay.

Jan.—6 to 4 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each hominy, Schumacher Feed, gluten, and cottonseed meal, 50 lbs. oil meal; 25 lbs. ensilage, 16 lbs. mixed hay.

5156 Glow of Gayhead 40354

Sire Foulon Raymond of Meadowsweet 17256 A. R.
Sire Imp. Raymond of the Préel V. 13382 A. R.
Dam Imp. Foulon Daisy II. 21287.
Dam Golden Glow of Crest View 25710.
Sire Ralph of Crest View 10777 A. R.
Dam Hawthorne's Golden Gloss 17149.
Breeder George M. White, Freehold, N. Y.
Owner George M. White, Freehold, N. Y.
Born Dec. 16, 1911. *Calved* Feb. 13, 1916.
Served July 30, 1916.
Requirement for admission: 329.60 lbs. butter fat.
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Official Year's Record, Class C

	Milk	Butter Fat	
	lbs.	%	lbs.
Feb. 16, 1916,	541.90	6.31	34.19
Mar., "	1317.80	3.78	49.81
Apr., "	1086.60	4.30	46.72
May, "	1133.20	4.28	48.50
June, "	1110.50	4.26	47.31
July, "	1002.80	3.91	39.21
Aug., "	933.70	4.34	40.52
Sept., "	733.10	4.86	35.63
Oct., "	629.10	4.50	28.31
Nov., "	538.80	4.69	25.27
Dec., "	519.60	5.23	27.18
Jan., 1917,	508.50	5.12	26.02
Feb. 15, "	216.20	5.16	11.16
Total	**10271.60**	**4.48 Av.**	**459.83**

Owner's Statement of Feed

Feb.—5 lbs. grain daily of 2 lbs. each bran and Union Grains and 1 lb. oil meal; ensilage and alfalfa.

Mar.—7 lbs. grain daily to the 15th of 3 lbs. each bran and Union Grains and 1 lb. oil meal, then 11 lbs. of 1 lb. corn meal, 8 lbs. Union Grains, and 2 lbs. oil meal; ensilage and alfalfa.

Apr.—9 lbs. grain daily of 4 lbs. each bran and Union Grains and 1 lb. oil meal; ensilage and alfalfa.

May—9 lbs. grain daily of 3 lbs. bran, 5 lbs. Union Grains, and 1 lb. oil meal; ensilage, alfalfa, and pasture.

June—9 lbs. grain daily of 3 lbs. bran and 6 lbs. Union Grains; green clover and pasture.

July—10.5 lbs. grain daily of 3.5 lbs. bran and 7 lbs. Union Grains; green oats and peas, clover hay, and pasture.

Aug.—Same ration as given in July.

Sept.—13.5 lbs. grain daily of 12 lbs. Union Grains and 1.5 lbs. oil meal; ensilage, clover hay, and pasture.

Oct.—Same ration as given in September.

Nov.—9 lbs. Union Grains daily; ensilage and clover hay.

Dec.—9 lbs. Union Grains daily; ensilage and mixed hay.

Jan.—9 lbs. "Stevens 44 Dairy Ration" daily; ensilage and mixed hay.

Feb.—Same ration as given in January.

5157 Gloss of Gayhead 40355

Sire Foulon Raymond of Meadowsweet 17256 A. R.
Sire Imp. Raymond of the Préel V. 13382 A. R.
Dam Imp. Foulon Daisy II. 21287.
Dam Golden Gloss of Crest View 25707.
Sire Ralph of Crest View 10777 A. R.
Dam Hawthorne's Golden Gloss 17149.
Breeder George M. White, Freehold, N. Y.
Owner George M. White, Freehold, N. Y.
Born Dec. 26, 1911. *Calved* Feb. 14, 1916.
Served June 21, 1916.
Requirement for admission: 328.70 lbs. butter fat.
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Official Year's Record, Class C

	Milk	Butter Fat	
	lbs.	%	lbs.
Feb. 17, 1916,	435.40	6.77	29.48
Mar., "	1003.10	5.14	51.56
Apr., "	845.00	5.70	48.17
May, "	795.70	6.08	48.38
June, "	632.70	6.64	42.01
July, "	534.50	6.16	32.93
Aug., "	518.30	6.27	32.50
Sept., "	406.70	6.05	24.61
Oct., "	355.70	7.43	26.43
Nov., "	320.00	7.22	23.10
Dec., "	278.70	8.04	22.41
Jan., 1917,	210.00	8.18	17.18
Feb. 16, "	91.90	8.50	7.81
Total	**6427.70**	**6.33 Av.**	**406.57**

Owner's Statement of Feed

Feb.—5 lbs. grain daily of 2 lbs. each bran and Union Grains and 1 lb. oil meal; ensilage and alfalfa.

Mar.—7 lbs. grain daily to the 15th of 3 lbs. each bran and Union Grains and 1 lb. oil meal, then 10 lbs. of 8 lbs. Union Grains and 2 lbs. oil meal; ensilage and alfalfa.

Apr.—7 lbs. grain daily of 3 lbs. each bran and Union Grains and 1 lb. oil meal; ensilage and alfalfa.

May—9 lbs. grain daily of 3 lbs. bran, 5 lbs. Union Grains, and 1 lb. oil meal; ensilage, alfalfa, and pasture.

June—8 lbs. grain daily of 3 lbs. bran and 5 lbs. Union Grains; green clover and pasture.

July—6 lbs. grain daily of 2 lbs. bran and 4 lbs. Union Grains; green oats and peas, clover hay, and pasture.

Aug.—Same ration as given in July.

Sept.—9 lbs. grain daily of 8 lbs. Union Grains and 1 lb. oil meal; ensilage, clover hay, and pasture.

Oct.—Same ration as given in September.

Nov.—6 lbs. Union Grains daily; ensilage and clover hay.

Dec.—6 lbs. Union Grains daily; ensilage and mixed hay.

Jan.—6 lbs. "Stevens 44 Dairy Ration" daily; ensilage and alfalfa.

Feb.—Same ration as given in January.

5158 Moxie of Hammond 38395

Sire Royal Reliance 8922.
Sire Pride of Amsterdam 6957.
Dam Belle Tucker 15098.
Dam Puff of Hammond 38001.
Sire Ferne of Riverside 5463.
Dam Fiona of Riverside 10642.
Breeder J. E. Eustis, Hammond, N. Y.
Owner J. J. Thompson, Lisbon, N. Y.
Sold May 17, 1916 to W. B. Tousey, Jordan, N. Y.
Born Jan. 3, 1908. *Calved* Feb. 9, 1916.
Served Sept. 25, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Official Year's Record, Class A

	Milk	Butter Fat	
	lbs.	%	lbs.
Feb. 12, 1916,	835.00	3.90	32.57
Mar., "	1609.90	3.76	60.53
Apr., "	1511.60	4.04	61.07
May, "	1406.20	4.02	56.53
June, "	1326.80	3.78	50.15
July, "	1259.70	3.89	49.00
Aug., "	1278.90	3.93	50.26
Sept., "	1216.80	4.17	50.74
Oct., "	1078.70	3.76	40.56
Nov., "	1020.40	4.40	44.90
Dec., "	1026.60	4.71	48.35
Jan., 1917,	982.00	4.66	45.76
Feb. 11, "	353.00	4.66	16.45
Total	**14905.60**	**4.07 Av.**	**606.87**

Owner's Statement of Feed

Feb.—10 lbs. grain daily of equal parts ground oats and Unicorn Dairy Ration; ensilage and hay.

Mar.—16 lbs. grain daily same mixture as February; ensilage and hay.

Apr.—16 lbs. grain daily of 1 part ground oats and 2 parts Unicorn Dairy Ration; ensilage and hay.

May—Same ration as April to the 16th, 16 lbs. Unicorn Dairy Ration daily from the 17th to the 20th, then 16 lbs. of 6 lbs. equal parts bran, hominy, ground oats, Distillers' Grains, gluten, and oil meal and 10 lbs. Unicorn Dairy Ration; 15 lbs. each beets and alfalfa, pasture.

June—14 lbs. grain daily to the 20th of the following mixture: 200 lbs. each bran, hominy, oats, Schumacher Feed, and Brewers' Grains, 250 lbs. Ajax Flakes, 100 lbs. each cottonseed meal and oil meal, then 18 lbs. of 6 lbs. bran, 9 lbs. ground oats, and 1.5 lbs. each gluten and oil meal; 3 lbs. beet pulp, green hay, alfalfa, and pasture.

July—21 lbs. grain daily of 4.5 lbs. bran, 7.5 lbs. ground oats, 1.5 lbs. each barley and oil meal, and 6 lbs. alfalfa meal; 1 lb. molasses, 2 lbs. beet pulp, green corn, alfalfa, and pasture.

Aug.—15 lbs. grain daily of 1.5 lbs. corn gluten, 2.25 lbs. ground oats, 3 lbs. Ajax Flakes, 7.5 lbs. Unicorn Dairy Ration, and .75 lb. oil meal; .75 lb. molasses, 3 lbs. beet pulp, 40 lbs. green corn, alfalfa and pasture.

Sept.—14.25 lbs. grain daily of 3 lbs. each bran, ground oats, and Ajax Flakes, 3.75 lbs. Unicorn Dairy Ration, .375 lb. each cottonseed meal and pea meal, and .75 lb. oil meal; .75 lb. molasses, 3 lbs. beet pulp, 10 lbs. beets, green corn, alfalfa, and pasture.

Oct.—12 lbs. grain daily to the 13th of 3 lbs. ground oats and 9 lbs. Unicorn Dairy Ration, then 12 lbs. of 125 lbs. bran, 75 lbs. each wheat middlings and ground oats, 50 lbs. each barley and oil meal, 100 lbs. Ajax Flakes; .75 lb. molasses, 2 lbs. beet pulp, 15 lbs. beets, 30 lbs. ensilage, alfalfa.

Nov.—12 lbs. Larro-Feed daily; 2 lbs. beet pulp, 10 lbs. beets, 30 lbs. ensilage, alfalfa.

Dec.—12 lbs. grain daily of the following mixture: 20 lbs. corn meal, 50 lbs. ground oats, 100 lbs. Ajax Flakes, 25 lbs. each cocoanut meal and oil meal; 2 lbs. beet pulp, 10 lbs. beets, 30 lbs. ensilage, alfalfa.

Jan.—12 lbs. grain daily of the following mixture: 25 lbs. each corn meal, cocoanut meal, and oil meal, 50 lbs. ground oats, 75 lbs. Ajax Flakes; 1 lb. molasses, 2 lbs. beet pulp, 10 lbs. beets, 30 lbs. ensilage, alfalfa.

Feb.—12 lbs. grain daily of the following mixture: 40 lbs. bran, 50 lbs. each ground oats and cocoanut meal, 100 lbs. Ajax Flakes, 25 lbs. oil meal; 1 lb. molasses, 3 lbs. beet pulp, 30 lbs. ensilage, alfalfa.

5159 Yeksa Sunkist Snowdoun 33343

Sire Guiding Star 12423 A. R.
Sire Rinaldo 8917 A. R.
Dam Starlight of Geneva 9183 A. R. 536.
Dam Yeksa Sunburst 22576 A. R. 1024.
Sire Endymion 8916 A. R.
Dam Star of Snowdoun 17271 A. R. 1040.
Breeder H. D. Griswold, West Salem, Wis.
Owner H. D. Griswold, West Salem, Wis.
Born Mar. 17, 1910. *Calved* Aug. 30, 1915.
Served Apr. 2, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class A

		Milk	Butter Fat	
		lbs.	%	lbs.
Sept.	5, 1915,	1117.90	5.41	60.48
Oct.,	"	1400.10	5.58	78.13
Nov.,	"	1223.70	5.02	61.43
Dec.,	"	1187.80	5.69	67.59
Jan.,	1916,	997.40	6.24	62.24
Feb.,	"	807.20	5.02	40.52
Mar.,	"	873.40	5.12	44.72
Apr.,	"	822.90	5.51	45.34
May,	"	766.70	5.88	45.08
June,	"	787.60	6.14	48.36
July,	"	737.20	5.77	42.54
Aug.,	"	677.60	5.71	38.69
Sept.	4, "	77.80	5.71	4.44
Total		**11477.30**	**5.57 Av.**	**639.56**

Owner's Statement of Feed

Sept.—5 lbs. grain daily of equal parts bran, corn meal, ground oats, gluten, and oil meal; 30 lbs. ensilage, 5 lbs. alfalfa, pasture.

Oct.—10 lbs. grain daily of 2 lbs. each bran, corn meal, ground oats, and gluten, and 1 lb. each cottonseed meal and oil meal; 30 lbs. ensilage, 5 lbs. alfalfa, pasture.

Nov.—15 lbs. grain daily of 4.5 lbs. each Distillers' Grains and Unicorn Dairy Ration, 3 lbs. each Schumacher Feed and oil meal; 20 lbs. ensilage, 5 lbs. alfalfa.

Dec.—8 lbs. grain daily of 1 lb. each bran, gluten, cottonseed meal, and oil meal, and 2 lbs. each corn meal and ground oats; 5 lbs. beet pulp, 30 lbs. ensilage, 10 lbs. alfalfa.

Jan.—12 lbs. grain daily of 3 lbs. each bran and gluten, 2 lbs. each corn meal and ground oats, 1 lb. each cottonseed meal and oil meal; 5 lbs. beet pulp, 35 lbs. ensilage, 15 lbs. alfalfa.

Feb.—9 lbs. grain daily of 2 lbs. each bran, corn meal, and ground oats and 1 lb. each gluten, cottonseed meal, and oil meal; 5 lbs. each beet pulp, alfalfa, and mixed hay, 35 lbs. ensilage.

Mar.—8 lbs. grain daily of 2 lbs. each bran, corn meal, and ground oats, and 1 lb. each gluten and oil meal; 35 lbs. ensilage, 5 lbs. each alfalfa and mixed hay.

Apr.—Same ration as given in March.

May—5 lbs. grain daily of 2 lbs. each bran and corn meal and 1 lb. ground oats; mixed hay.

June—Same ration as given in May.

July—Same ration as given in May.

Aug.—4 lbs. grain daily of 1 lb. each bran and ground oats and 2 lbs. corn meal; 30 lbs. ensilage, hay.

Sept.—Same ration as given in August.

5160 Grasslands Regina 63307

Sire Imp. Masher's Sequel 11462 A. R.
Sire Imp. France's Masher 2d 7248 A. R.
Dam Imp. Lena from the Isle 14015.
Dam Imp. Queen Regent IV. 22716 A. R. 1000.
Sire Royal Governor of l'Etiennerie R. G. A. S. 1484 P. S., A. R.
Dam Beauty 5th of the Adams R. G. A. S. 3483 P. S.
Breeder Robert and Herbert Scoville, Taconic, Conn.
Owner Robert and Herbert Scoville, Taconic, Conn.
Born Aug. 16, 1913. *Calved* Feb. 11, 1916.
Served Oct. 9, 1916.
Requirement for admission: 270.10 lbs. butter fat.
Supervised by Storrs Agricultural Experiment Station, Storrs, Conn.

Official Year's Record, Class F

		Milk	Butter Fat	
		lbs.	%	lbs.
Mar.	1, 1916,	880.70	4.46	39.28
Apr.,	"	852.60	4.35	37.09
May,	"	910.80	4.95	45.08
June,	"	869.40	5.05	43.90
July,	"	919.50	4.63	42.57
Aug.,	"	883.50	5.09	44.97
Sept.,	"	843.80	4.85	40.92
Oct.,	"	847.60	4.69	39.75
Nov.,	"	769.40	5.08	39.09
Dec.,	"	804.20	5.06	40.69
Jan.,	1917,	797.30	5.31	42.34
Feb.	28, "	715.90	5.55	39.73
Total		**10094.70**	**4.91 Av.**	**495.41**

Owner's Statement of Feed

Mar.—9.02 lbs. grain daily of 1.5 lbs. bran, .56 lb. each corn meal and ground oats, 1.13 lbs. each hominy and gluten, 1.88 lbs. each Ajax Flakes and Unicorn Dairy Ration, and .38 lb. oil meal; 9 lbs. beet pulp, 8 lbs. roots, 15 lbs. ensilage, 10 lbs. hay.

Apr.—10.03 lbs. grain daily of 1.67 lbs. bran, .63 lb. each corn meal and ground oats, 1.25 lbs. each hominy and gluten, 2.09 lbs. each Ajax Flakes and Unicorn Dairy Ration, and .42 lb. oil meal; 10 lbs. each beet pulp and hay, 15 lbs. ensilage.

May—Same grain ration as April; 10 lbs. beet pulp, 15 lbs. each ensilage and hay.

June—Same grain ration as April; 10 lbs. beet pulp, hay.

July—9.99 lbs. grain daily of 2.1 lbs. bran, 1.58 lbs. each hominy, ground oats, and gluten, 2.63 lbs. Ajax Flakes, and .52 lb. oil meal; 10 lbs. beet pulp, hay.

Aug.—9.99 lbs. grain daily of 2.5 lbs. bran, 1.25 lbs. corn meal, 1.87 lbs. hominy, 3.12 lbs. Ajax Flakes, .94 lb. gluten, and .31 lb. oil meal; 10 lbs. beet pulp, hay.

Sept.—10 lbs. grain daily of 3.636 lbs. bran, 1.818 lbs. hominy, 2.273 lbs. Ajax Flakes, 1.364 lbs. gluten, and .909 lb. oil meal; 10 lbs. each beet pulp, ensilage, and alfalfa.

Oct.—10.446 lbs. grain daily of 3.808 lbs. bran, 1.904 lbs. hominy, 2.83 lbs. Ajax Flakes, and .952 lb. each gluten and oil meal; 8 lbs. beet pulp, 12 lbs. each ensilage and alfalfa.

Nov.—10 lbs. grain daily of 2.22 lbs. each bran and Unicorn Dairy Ration, 2.78 lbs. Ajax Flakes, 1.67 lbs. gluten, and 1.11 lbs. oil meal; 10 lbs. roots, 12 lbs. ensilage, 8 lbs. alfalfa.

Dec.—9.994 lbs. grain daily of 2.162 lbs. each bran and gluten, 1.35 lbs. Ajax Flakes, 3.24 lbs. Unicorn Dairy Ration, and 1.08 lbs. oil meal; 10 lbs. roots, 12 lbs. ensilage, 8 lbs. alfalfa.

Jan.—9.995 lbs. grain daily of 1.95 lbs. each bran, Unicorn Dairy Ration, and gluten, .975 lb. each hominy, ground oats, and oil meal, and 1.22 lbs. Ajax Flakes; 8 lbs. beet pulp, 12 lbs. each ensilage and alfalfa.

Feb.—9.998 lbs. grain daily of 2.272 lbs. Ajax Flakes, 3.636 lbs. Unicorn Dairy Ration, 1.818 lbs. gluten, 1.363 lbs. alfalfa meal, and .909 lb. oil meal; 10 lbs. beet pulp, 8 lbs. ensilage, 12 lbs. hay.

5161 Youlaxene 63911

Sire Eva's Sequel 21588.
Sire Imp. Masher's Sequel 11462 A. R.
Dam Imp. Eva of the Spurs 18884 A. R. 717.
Dam Youlaxy 32243 A. R. 3129.
Sire Imp. Galaxy's Lavinius 12548 A. R.
Dam Youmada 23415.
Breeder Robert and Herbert Scoville, Taconic, Conn.
Owner Robert and Herbert Scoville, Taconic, Conn.
Born Oct. 21, 1913. *Calved* Feb. 3, 1916.
Served Sept. 12, 1916.
Requirement for admission: 263.50 lbs. butter fat.
Supervised by Storrs Agricultural Experiment Station, Storrs, Conn.

Official Year's Record, Class G

		Milk	Butter Fat	
		lbs.	%	lbs.
Mar.	1, 1916,	867.30	4.79	41.54
Apr.,	"	833.70	4.32	36.02
May,	"	882.60	4.58	40.43
June,	"	834.10	5.23	43.62
July,	"	847.40	4.79	40.59
Aug.,	"	829.00	5.11	42.36
Sept.,	"	739.70	5.38	39.80
Oct.,	"	778.70	5.24	40.80
Nov.,	"	737.00	5.52	40.68
Dec.,	"	736.70	5.58	41.11
Jan.,	1917,	746.80	5.70	42.57
Feb.	28, "	652.40	5.90	38.49
Total		**9485.40**	**5.14 Av.**	**488.01**

Owner's Statement of Feed

Mar.—9.02 lbs. grain daily of 1.5 lbs. bran, .56 lb. each corn meal and ground oats, 1.13 lbs. each hominy and gluten, 1.88 lbs. each Ajax Flakes and Unicorn Dairy Ration, and .38 lb. oil meal; 9 lbs. beet pulp, 8 lbs. roots, 15 lbs. ensilage, 10 lbs. hay.

Apr.—10.03 lbs. grain daily of 1.67 lbs. bran, .63 lb. each corn meal and ground oats, 1.25 lbs. each hominy and gluten, 2.09 lbs. each Ajax Flakes and Unicorn Dairy Ration, and .42 lb. oil meal; 10 lbs. each beet pulp and hay, 15 lbs. ensilage.

May—Same grain ration as April; 12 lbs. beet pulp, 15 lbs. each ensilage and hay.

June—Same grain ration as April; 10 lbs. beet pulp, hay.

July—9.99 lbs. grain daily of 2.1 lbs. bran, 1.58 lbs. each hominy, ground oats, and gluten, 2.63 lbs. Ajax Flakes, and .52 lb. oil meal; 10 lbs. beet pulp, hay.

Aug.—9.99 lbs. grain daily of 2.5 lbs. bran, 1.25 lbs. corn meal, 1.87 lbs. hominy, 3.12 lbs. Ajax Flakes, .94 lb. gluten, and .31 lb. oil meal; 10 lbs. beet pulp, hay.

Sept.—10 lbs. grain daily of 3.636 lbs. bran, 1.818 lbs. hominy, 2.273 lbs. Ajax Flakes, 1.364 lbs. gluten, and .909 lb. oil meal; 10 lbs. each beet pulp, ensilage, and alfalfa.

Oct.—10.446 lbs. grain daily of 3.808 lbs. bran, 1.904 lbs. hominy, 2.83 lbs. Ajax Flakes, and .952 lb. each gluten and oil meal; 8 lbs. beet pulp, 12 lbs. each ensilage and alfalfa.

Nov.—9 lbs. grain daily of 2 lbs. each bran and Unicorn Dairy Ration, 2.5 lbs. Ajax Flakes, 1.5 lbs. gluten, and 1 lb. oil meal; 10 lbs. roots, 12 lbs. ensilage, 8 lbs. alfalfa, hay.

Dec.—9 lbs. grain daily of 1.946 lbs. each bran and gluten, 1.216 lbs. Ajax Flakes, 2.919 lbs. Unicorn Dairy Ration, and .973 lb. oil meal; 10 lbs. roots, 12 lbs. ensilage, 8 lbs. alfalfa, hay.

Jan.—9.995 lbs. grain daily of 1.95 lbs. each bran, Unicorn Dairy Ration, and gluten, .975 lb. each hominy, ground oats, and oil meal, and 1.22 lbs. Ajax Flakes; 8 lbs. beet pulp, 15 lbs. ensilage, 12 lbs. alfalfa.

Feb.—9.998 lbs. grain daily of 2.272 lbs. Ajax Flakes, 3.636 lbs. Unicorn Dairy Ration, 1.818 lbs. gluten, 1.363 lbs. alfalfa meal, and .909 lb. oil meal; 10 lbs. each beet pulp and ensilage, 12 lbs. hay.

5162 Flora Bates 47134

Sire Jimmy Bates 12586 A. R.
Sire Imp. Spotswood Masher Sequel 9687 A. R.
Dam Janette B. 20303 A. R. 1022.
Dam Sarsaparilla 15490.
Sire Glen Summit 6646.
Dam Pigeon 12142.
Breeder C. C. Johnston, Butler, Pa.
Owner Frederick D. Countiss, Lake Geneva, Wis.
Born June 29, 1913. *Calved* Dec. 4, 1915.
Served June 24, 1916.
Requirement for admission: 270.20 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class F

		Milk	Butter Fat	
		lbs.	%	lbs.
Jan.	13, 1916,	793.50	4.34	34.44
Feb.,	"	695.60	4.19	29.15
Mar.,	"	773.90	3.88	30.03
Apr.,	"	709.70	3.87	27.47
May,	"	755.50	3.77	28.48
June,	"	680.70	4.42	30.09
July,	"	662.00	4.11	27.21
Aug.,	"	627.80	4.08	25.61
Sept.,	"	575.50	4.99	28.72
Oct.,	"	554.80	4.83	26.80
Nov.,	"	503.30	4.90	24.66
Dec.,	"	516.90	5.19	26.83
Jan.	12, 1917,	196.70	5.35	10.52
Total		**8045.90**	**4.35 Av.**	**350.01**

Owner's Statement of Feed

Jan.—12.8 lbs. grain daily of 2.4 lbs. each bran, Ajax Flakes, and Brewers' Grains, 1.4 lbs. each corn meal, gluten, cottonseed meal, and oil meal; 1 bu. ensilage, 10 to 15 lbs. alfalfa.

Feb.—14 lbs. grain daily of the following mixture: 50 lbs. each bran and Ajax Flakes, 30 lbs. each corn meal, Brewers' Grains, Special Dairy Feed, gluten, cottonseed meal, and oil meal; 1 bu. ensilage, 10 to 15 lbs. alfalfa.

Mar.—14 lbs. grain daily of the following mixture: 30 lbs. each bran, corn meal, Brewers' Grains, Special Dairy Feed, gluten, cottonseed meal, and oil meal, 50 lbs. Ajax Flakes; 1 bu. ensilage, 10 to 15 lbs. clover hay.

Apr.—9 lbs. grain daily of the following mixture: 30 lbs. each bran and Brewers' Grains, 15 lbs. corn meal, 20 lbs. ground oats, 5 lbs. oil meal; 10 to 15 lbs. clover hay, pasture.

May—Same grain ration as given in April; pasture.

June—Same ration as given in May.

July—Same ration as given in May.

Aug.—Same grain ration as given in May with alfalfa pasture.

Sept.—Same ration as given in August with 5 lbs. oil meal added to the mixture.

Oct.—9 lbs. grain daily same mixture as September; alfalfa hay and alfalfa pasture.

Nov.—7 lbs. grain daily same mixture as September; corn stalks and clover hay.

Dec.—Same grain ration as November; 35 lbs. ensilage, clover hay.

Jan.—6 lbs. grain daily same mixture as September; 30 lbs. ensilage, clover hay.

Transfers of Guernsey Cattle From May 1 to May 14, 1917

BULLS

Ada's Golden Lad 41859—Meagher County Farm to D. C. Webster, Unity, Maine.
Agnes's Prince of Malvern 33606—C. M. Hutchinson to Wyman R. Hoagland, Moravia, Idaho.
Alfreda's Lord Butterfield 38345—Grinnell Martin to Robert Duncan, New Milford, Conn.
Alhela's Golden Noble 40029—J. L. Snyder to S. F. Gates, Ionia, Mich.
Andrew of Oakwood 2d 43635—George R. Simpson to George H. Sollman, Haubstadt, Ind.
Annetta's Governor 39140—Albert C. Loring to Joseph Wagner, Marietta, Minn.
Argie's Prince 41398—W. J. Higdon to A. J. Welch, Redwood City, Calif.
Aristo of the Mansion 43673—F. C. Anderson to M. L. Burnham, Henderson, N. Y.
Atlasta Ben 38429—W. R. Wescott, to Mrs. Rose A. Wolcott, Barron, Wis.
Athos 36159—E. C. Peck to Harry S. French, Madison, Ohio.
Austerlitz of Craigamoor 31330—Frank P. Klemm to Otto A. & H. R. Gilmore, Camden, Mich.
Avon-Vale's Tempest 38922—C. L. Whiting to Robert Hanna, Avon, N. Y.
Ballycray 40471—P. J. McHugh to J. H. Banderet, Renton, Wash.
Barney of Linwood 39717—Homer F. Rundell to William G. Richardson, Jacksonville, Ill.
Barney of Nashannock 30540—J. J. McDowell to Martin Booher, Volant, Pa.
Barney Weshpi 40780—Frank W. Richardson to E. H. Nelson, Glenville, Minn.
Bartlett's Masher 25481 (Imp.)—Augustus P. Loring to Charles A. Coe, South Essex, Mass.
Beauty of Elm Terrace 2d's Stranford 43865—Dell Danks to M. O. Luraas, Stoughton, Wis.
Beauty's Sequel 43636—P. M. Crawford to Ira Stahl, Columbus, Ohio.
Belle's Dan 43773—Henry Aulenbrock to John Kehle, Madison Station, Miss.
Belle's Glenwood Boy 40547—George A. Bridge to Clark & Osborne, Darien Center, N. Y.
Bertha's Prince of Arrow Farm 43806—John S. Petteys to S. E. Everett, Granville, N. Y.
Bess's Squire of Midvale 43104—Wm. Butterworth to A. E. Dinet, Joliet, Ill.
Bijou's King of Oak Ridge 22121 (Imp.)—R. W. Payne to J. W. Hauser, Clemmons, N. C.
Billy France Billaxy 43881—E. L. Berg to J. L. Arvis, Dixon, Ill.
Billy's Star of Lake View 43817—Selsing Bros. to August M. Anderson, Wautoma, Wis.
Bob of Maple Lane 34956—W. Nicholls to A. L. Hyzer, Storm Lake, Iowa.
Briarbank Queen's King 37636—W. T. Barbour to Schoolcraft Guernsey Association Manistique, Mich.
Broadlawn Bob 43887—Frank P. Gildersleeve to H. Clay Schenck, Union Springs, N. Y.
Broona's Masher 29512—Loren R. Carter to L. Block, Plymouth, Conn.
Brutus B. of Twin Hill Farm 43653—I. W. Beudman to J. B. Stackhouse, Muncy Valley, Pa.
Bubble's Masher's Sequel 33873—G. E. Foster to G. E. Wilson, Thomaston, Maine.
Buster of Maple Grove 41202—F. T. Wilford to J. C. Peabody, Wilson, Wis.
Buster of Meadowbank 40290—J. B. Supler & Sons to L. C. James, Purcellville, Va.
Captain of Woodend 21080 (Imp.)—Hugh Norman to E. A. Oppegaard, Albert Lea, Minn.
Caribou Dandy Jim 43910—George C. Stone to G. M. Tallant, Duluth, Minn.
Charles of Iola 38193—O. R. Johnson to Gertie Peterson, Iowa, Wis.
Charmante's Sunflower 41071—Albert C. Larson to M. S. Boyce, Carmen, Oklahoma.
Chicona Brevet 33749—Albion L. Gile to William McCulloch, Snohomish, Wash.
Chicona Postman 41596—Albion L. Gile to Daggett Bros., Port Ludlow, Wash.
Chief of the West 41992—Helendale Farms to Grace J. Holeton, Abbotsford, Wis.
Chief Seattle 43897—Fred C. Hansen to Walter Schroeder, Camp Douglas, Wis.
Chieftain of Maple Farm 30601—Nelson H. Howe to W. H. Harrington, East Pharasalia, N. Y.
Chipre 18233—W. J. Stockwell & Son to John T. Pritchard, Eau Claire, Wis.
Christie's Raider 43658—E. S. Van Kirk to Anton Vyskocil, Newfield, N. Y.
Co-Ed's Raider 43659—E. S. Van Kirk to W. H. Travis, Middleburg, N. Y.
Concerto of Ewing 42172—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Conyers Janet's Sequel 36985—E. C. Converse to W. C. Whipple, Purchase, N. Y.
Coral Tyrant 43891—Est. G. B. Tallman to Bert McPherson, Uniondale, Pa.
Cora's Pretor of Lakeside 41326—March & McGrew to E. E. McGrew, Dassel, Minn.
Cottie's Billy Sunday 40905—F. L. Wilbur to J. H. Leatherman & R. Hall, Wadsworth, Ohio.
Count of Spruce Lane 43747—W. D. Sandman to A. F. Myer, Midway, Wis.
Cyrus T. 41645—A. E. Cunningham to George H. Cleaves & Son, Unionville, Maine.
Dahlia's King of Queen Anne 43842—Lucian E. Massey to Claude F. Parks, Chestertown, Md.
Dairy Boy of Willow Glen 43863—Mrs. Ella D. Fretz to A. L. Fitzpatrick, Penllyn, Pa.
Dairymaid's Golden Lad of Fox Valley 38046—A. A. Glocke to E. O. Frihart, Weyauwega, Wis.
Dairymaid's Prince 26353—W. J. Higdon to A. J. Welch, Redwood City, Calif.
Daisy's Felix 40879—James D. Gibson to A. E. Swope, French Woods, N. Y.
Daisy's Nestor 42309—F. J. Sherman to Edward Smith, Ballston Spa, N. Y.
David of Beuna Vista Hill Farm 43871—J. K. White to James E. Smith, Topsham, Vt.
Dean Purism 43778—J. H. Detwiler to Frank P. Duck, Center Hall, Pa.
Dicky of Homestead 24086—S. G. Rupple to Gustav Kargus, Shawano, Wis.
Dinah's Squire of Hilltop 39116 (Imp.)—George M. Hendee to Woronoak Farms Co., Westfield, Mass.
Dolly's King of Knolly-nook 43080—P. S. Myers & Son to W. G. McCreary' Schoolcraft, Mich.
Donald of Orchard Bluff 39500—A. C. Ramseyer to Earl S. Koppes, Medina, Ohio.
Dora's Dictator of Elmwood 43851—Marvin Mills to Frank B. Coon, Oxford, Wis.
Douglas of Ewing 41237—Gladden Davis to C. M. Merryman, Sharon, Md.
Dr. Ladd 33736—Est. L. F. Whitcomb to Bion H. Niles, North Adams, Mass.
Duke Chester of Hampshire 43746—C. B. Palmer to DeWitt C. DeWolf, Chester, Mass.
Duke Hambro 43031—Edgewater Stock Farm to J. E. Wright, Cooks, Mich.
Duke Holden of Brooklawn 38655—Myron E. Ross to Arthur Forsyth, Byron, N. Y.
Duke of Meadowslope 43860—R. H. Griffith to E. C. Horn, Washington, Pa.
Duke, The King of Sullivan 32254—Frank C. Farnsworth to George B. Rowell, Wellington, Ohio.
Earl of Maplewood Farm 43647—Sarah E. K. Williams to D. E. Farnham, Granville, Mass.
Elsine of Maplehurst 23021—B. H. Baker & Son to Harold & Ray Slocum, Warsaw, N. Y.
Elwell Rosie's Boy 35972—J. W. Purvis to F. E. Wheeler, Fort Lupton, Colo.
Eronel Surprise 43758—John P. Crozer to Joseph B. McCall, Philadelphia, Pa.
Etta's Oro of Rose Valley 41931—Adolph A. Suhr to Alfred Olson, Eleva, Wis.
Faithful Champion of Stonecliff 43825—Frank V. Johnson to Mark H. Moody, Waterbury, Vt.
Fanny's Knight 39018—J. S. Govin to Arthur Curran, Menomonie. Wis.
Fantasia's King 43809—W. Nicholls to Ernest Gibbs, Trempealeau, Wis.
Ferndale of Fahrnwald 39072—E. C. Fahrney to C. H. Ruddy, Fisk, Wis.
Ferno of Caslon 38691—Ruth M. Philo to E. W. Philo, Jupiter, Fla.
Flodell Crusader 43100—J. Russell Danks to Robert D. George, Walton, N. Y.
Flo's Nix 40750—H. M. Jacklin to Will Mundinger, Weyauwega, Wis.
Flossie's Champion of Wallbrook 43902—Uzal Kinney to Paul Ring, Warrenham, Pa.
Francetta's Governor of Fergus Falls 41304—O. F. Ulland to E. K. Teisberg, Ashby, Minn.
Fancett of Shoshone 38123—Theodore Hollister to William H. Wilson, Brimson, Minn.
Fred of Maple Grove 43779—J. W. Grute to Charles D. Thorburn, Martins Ferry, Ohio.
French King of Lind 43742—C. H. Glocke to John Petersen, Weyauwega, Wis.
Gayhead Floramond 31827—George M. White to L. S. White, Cairo, N. Y.
Gay Lad V. 27592—J. H. Laney & Son to Emil Schoeneich, Dousman, Wis.
General Spotswood of Sorella 42318—H. C. Bradley to R. S. Osborne, Macedonia, Ohio.
Gentle Boy of Highlands 43090—W. R. Adams to I. K. Jacobson, Perley, Minn.
George Washington of the Gateways 43665—Arthur W. Wellington to Malcolm Lang, Boston, Mass.
Gerald of Lake View 43769—J. A. McComb to F. S. Teetshorn, Whitewater, Wis.
Glenwood Boy of Linwood 33109—James Mulry to W. D. Mulry & D. A. Stolts, Sechlerville, Wis.
Glenwood's Patriot 43824—James Mulry to Luther Dobson, Black River Falls, Wis.
Golden Boy of Engelwood 40253—Edgewater Stock Farm to L. Lindquist, Aroya, Colo.
Golden Lad's Pride of Hollyhocks 25384—George Webster to Meagher County Farm, White Sulphur Springs, Mont.
Golden Prince of Oak Grove 39727—J. R. Tifft to H. W. Griswold, West Salem, Wis.
Golden Prince of Oak Grove 39727—H. W. Griswold to Edward Hyde, Osterdoek, Iowa.
Golden's Big Dick 28091—Adams-Peterson & Co., to B. A. Imholt, Stillwater, Minn.
Golden Star of Louis Corners 43874—F. F. Thielke to John Endries, Kiel, Wis.
Gold Dust of Longview 40204—C. H. Stevens to W. J. McFeeters, Fairfield, Vt.
Goldie's Governor 39338—Samuel Hertel to Brant U. Bell, Xenia, Ohio.
Goldie's Squire of Walnut Glens 33277—R. D. Gates to W. G. Vandenbark, Zanesville, Ohio.
Goliath of Pen-y-Bryn 40137—W. Bazett to George West, Somenos, B. C.
Good Gift of Meadowbank 40288 — J. B. Supler & Sons to L. C. James, Purcellville, Va.
Governor Jerry of Waconia 43225—Joseph Sicheneder to J. F. Anderson, Bergville, Minn.
Governor Marcus of Waconia 43223—Joseph Sicheneder to Erik Sundin, Ray, Minn.
Govenor of Hill 42541 (Imp.)—Wayne A. Munn to H. W. Gridwold, West Salem, Wis.
Governor of the Ostelic 35927—Clayton Dutton to Sanford L. Shapley, South Otselic, N. Y.
Governor of Troy Center 43854—Roy J. Coombe to Fred Schuchmann, Strawberry Point, Iowa.
Governor Scott of Maple Grove 43879—W. Scott Davis to Mrs. F. E. Winn, Granton, Wis.
Green Meadow Golden Prince 41823—G. A. Cluett to D. L. McConnell, Canonsburg, Pa.
Green Meadow Miron 43350—G. A. Cluett to Frank A. Dunbar, Lenox, Mass.
Greylock Chief 43740 — James W. Bullock to Abbie & Jennie Galusha, Williamstown, Mass.
G. W. of Willow Wood 43883—Jay D. Russell to S. S. Stone, Ithaca, Mich.
Happy Jack of Clover Daily 43649—Fred Thurow to E. A. Mueller, Antigo, Wis.
Happy King of the Forest 43900—Frank Dietz to Edward Werner, Appleton, Wis.
Harwood Duke 43783—R. G. Harwood to L. A. Hager, Littleton, Mass.
Hayes Maxwell 43399—Charles Solverson to Helmer Jensen, Grantsburg, Wis.
Hermione's Squire of Cozy Home 42847—O. M. Worster to A. E. Milhous, Indianapolis, Ind.
Hero of Midvale 42969—William Butterworth to Fred Wille, Columbus, Nebr.
Hero's Rose's Knight 37107—J. S. Govin to George Mars, Menomonie, Wis.
Hillandale's Laddie 43631—Henry C. Winsolw to E. S. Keisling, Purcellville, Va.
Homer Rosewood 41366—George B. Gilman to Frank W. Richardson, Garden City, Minn.
Homer Rosewood 41366—Frank W. Richardson to William Ferguson, Mankato, Minn.
Honeymoon's Bob of Chesney Farms 41488—O. W. Lehmann to H. W. Griswold, West Salem, Wis.
Honeymoon's Bob of Chesney Farms 41488—H. W. Griswold to A. J. Plowman, Elderon, Wis.
Hyle of Lake View 31717—Frank Deichsel to William H. Laatsch, Merrill, Wis.
Imogene's King 43644—F. B. Woodard to C. H. Gustafson, Glen Flora, Wis.
Ingleside King Pretor 29171—March & McGrew to E. E. McGrew, Dassel, Minn.
Inspector of Wasteland 38236—M. M. & E. J. Hollingsworth to John Macklem, Toughkenamon, Pa.
Inyo Prince 35638—E. W. Edwards to O. W. Larson, Bishop, Cal.
James of Evening Shade Guernsey Farm 43767—H. V. Sensenbaugh to A. F. John, Rockfield, Ind.
January of Birchwood 21853—J. R. Tifft to H. W. Griswold, West Salem, Wis.
Jericho's Main Stay 40163—N. C. Dahl to August Morlock, Watervliet, Mich.
Jessica's Marcus Glenwood's Boy 41759—Grant M. Enlow to William Kolb, Burlington, Iowa.
Jess of Garfield 42673—Est. A. O. Hole to James Krancki, Northland, Wis.
Joe of Aurelian Farms 41946—William M. Jones to George L. Turner & Son, Monroe City, Mo.
Jolly Boy of Herndon 43700—Bonnymeads Farms to Carl L. Riger, Herndon, Pa

TRANSFERS OF GUERNSEY CATTLE

Jolly Boy of Plymouth 43642—David Neish to M. B. Slater, Plymouth, N. Y.
Jolly Jerry of Alaska 36599—John Boudnik to Anton Pinchart, Casco, Wis.
Joseph Tucker of Bralee 43771—E. R. Brady to E. M. Crain, Elma, Wash.
Julia's King of Arrow Farm 41764—John S. Petteys, to Nathaniel Norton, Greenwich, N. Y.
Julia's Lord Mar 41337—Lovell Hutchens to N. S. Larimer, Blue River, Wis.
Kalicocus of Iowanola 35019—Charles R. Mountain to E. A. Lyon, Pleasantville, Iowa.
Kate's Brandon Boy 30335—George E. Chapin to B. Kleosterboer, Waupun, Wis.
King Deyraff 40728—Martin Hoffman to William Hill, Easton, N. Y.
King Maker of Broad Acres 43633—Frank M. Smith to Jesse Tyler, Worcester, N. Y.
King of Ewing 43724—Est. F. W. Roebling to Edmund T. Young, Bullville,N. Y.
King of the Valley Fountain Farm 43703—Fred W. Backer to Arthur C. Looker, Weyauwega, Wis.
King of Waterbury 38331—Loren R. Carter to James F. Gaffney, Bethlehem, Conn.
King's King of Meadowbrook 43179—H. E. Babcock to William M. Taylor & Son, Nichols, N. Y.
King's May Boy 38279—H. W. Clark to Edward L. Brown, Bridgeton, N. J.
Knight of Green Meadow 37363—G. A. Cluett to F. H. Farrington, Brandon, Vt.
Knight of Stafford 42431—G. M. Wallace to R. B. Holeman, Timberlake, N. C.
Lady du Chene's Governor of Glencairne 43805—R. H. L. Chichester to B. D. Spaulding & D. S. Coale, Aberdeen, Md.
Lady Glenwood's Pride of Iowanola 37741—Charles R. Mountain to Willett Brothers, Woodbine, Iowa.
Lady Simon's Alphonso 39797—Robert S. Jones to Francis Shaw, Wayland, Mass.
Ladysmith's King 31911—Victor Anderson & Isaac Leer to Harry W. Griswold, West Salem, Wis.
Lamar of Linn 20268—Frank Reed Sanders to George W. Peterson, Mesa, Ariz.
Lamont's Glyndon 43060—W. C. Lamont to Bellinger Brothers, Seward, N. Y.
Lancelot of Ellerslie 43846—G. M. Wallace to Thomas Gill, North View, Va.
Le Cheminant Boy 42022—Cornell University to Luman A. Hill & Son, Spencer, N. Y.
Lea Bishop of Jericho 43495—N. C. Dahl to Frank S. McConnell, Hartford, Mich.
Leonus 40027—J. L. Snyder to The Metropolitan Guernsey Association, Metropolitan, Mich.
Lilac's Guin 43675—W. S. Stooksberry to A. E. Burnett, Novelty, Ohio.
Lillie's Billy of Berry Ridge 43845—Lillie A. Crawford to Burt R. Wing, Muskegon Heights, Mich.
Lillie's Sequel Prince of A. V. 43704—E. H. Curtis to Leonard Barris, Knox, Pa.
Listowel's King 37136—Isaac Leer to H. W. Griswold, West Salem, Wis.
Listowel's King 37136—H. W. Griswold to Howard Aldrich, West Salem, Wis.
Listowel's Lad 41559—Isaac Leer to H. W. Griswold, West Salem, Wis.
Listowel's Lad 41559—H. W. Griswold to Henry Bandau, Jr., Wilton, Wis.
Lochinvar of Caslon 28835—Ruth M. Philo to E. W. Philo, Jupiter, Fla.
Locust Grove's King of Briarbank 40451—W. T. Barbour to Rozell Brothers, Clinton, Ontario.
Lone Pine Elevator 42094—F. D. Stout to Martin T. Allwardt, Gibsonburg, Ohio.
Lone Pine Lord Enid 38422—F. D. Stout to William Jorstad, Cameron, Wis.
Lone Pine Lord Parson 38424—F. D. Stout to Joseph Sicheneder, Waconia, Minn.
Lord Amnicon of Craigamoor 33027—George C. Cooper to John S. Finlayson, Foxboro, Wis.
Lord Baker of Ewing 39323—Est. F. W. Roebling to Oaklands Farm Co., Trenton, Junction, N. J.
Lord Dane 34574—Frank Dietz to Mrs. B. Reichenback, Auburndale, Wis.
Lord Valentine 40042—J. W. Thrall to M. Ralph & Jerry Shea, Fisk, Wis.
Lucassienne's Ingot 39608—J. R. Frank to Laurie Moilanen, Pelki, Mich.
Lucky Lassie's Glenwood 42997—H. N. Longley to F. E. Kummrow, Oconomowoc, Wis.
Lucy Taylor's Raider 43660—E. S. Van Kirk to H. E. Babcock, Ithaca, N. Y.
Lullaby's Roy 33010—John J. F. Winters to Nelvin Johnson, Sparta, Wis.
Mabel's Oakland Chief 38977—Ivan R. Riley to George F. Smith, Rouzerville, Pa.
Madeline's May King 43876—Clement S. Houghton to W. F. & A. B. Webster, Litchfield, Conn.
Major of Bellefonte 43651—George R. Meek to D. A. Morrow, Tyrone, Pa.
Mame's Raymond 43811—Edwin B. Maule to Cleff C. Bechtal, Westminster, Md.
Mandelena's Noble of Cozy Home 43672—O. M. Worster to J. C. Prible, Warren, Ind.
Mary's Jeweller of Arnott 40053—Otteson & Ambal to Lesley Lair, Albert Lea, Minn.
Masher's Nancy's Glenwood 41427—H. N. Longley to William Schauda, Palmyra, Wis.
May King Lad 42141—H. C. Adams to J. V. Hodgin, Greene, Iowa.
May King of Deep Rock Farm 43840—William H. Rutherford to Keith A. Dodds, Gouverneur, N. Y.
May King's Golden Laddie 39080—W. A. Alexander to C. F. Post, Delhi, N. Y.
Mayo of Demingdale 40447—George E. Deming to Gaus B. Ross, Dillinger, Pa.
May Rose Count's Golden Secret 43772—J. M. Fox to F. M. Lewis, Emlenton,P.
May Rose King of Ewing 27234—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Meadow-Gold Joilet 42564—H. W Wigman to M. O. Phillips, Fremont, Ohio.
Meadowview Governor's Mantel 38443—M. M. Williams to W. G. Putnam, Watertown, S. Dak.
Mellaloren Gypsy Boy 43408—Loren A. Dygert to John Kellog, Rockford. Mich.
Mellaloren Laddie 43407—Loren A. Dygert to W. A. Rennie, Travers City, Mich.
Merry Belle's Vanquisher 43671—Wilcox & Stubbs to Albert L. Hyzer, West Salem, Wis.
Meslie 2d's Choice of Iowa 41996—Albert C. Cox to Newton Steddom, Oskaloosa, Iowa.
Midvale Mediator 42968—William Butterworth to W. O. Kunkle, Carthage, Ill.
Midway's Bonnie Boy 43627—C. F. Hess to Clyde M. Herr, Lancaster, Pa.
Mike Bell 38694—William Burck to Ernest Behling, Menomonie, Wis.
Mirtwin Zeppelin 42383—Eby Brothers to Wilbur Hoke, Goshen, Ind.
Mona's Count of Cumberland 43882—E. Huser to Fred Hill, Solon Springs, Wis.
Monarch of Maple Grove 39937—Stark Brothers to Andrew Vogl, Athens, Wis.
Monsieur Major of Elmwood 41979—C. D. Curtis to L. E. Johnson, Hustler, Wis.
Monte Carlo Chene of Wa-Wa-Yandah 42248—Fred Cady & Sons to Fred Crampton & Homer Jones, Homer, N. Y.
Moorland's Sol 43852—E. A. Moore to Mrs. C. J. Nelson-Shackford, East Ryegate, Vt.
Morven's Loyal Duke 36129—William E. Gilbert to Chris F. West, Washington, D. C.
Nantaska's King of Ingleside 36383—A. W. & F. E. Fox to Erich Vorphal, New Holstein, Wis.
Newsboy of Kiluna Farm 43057—Ralph Pultizer to C. D. Vaughn, Tunkhannock, Pa.
Noble Bull 20353—Earl Heighberger to C. T. Copley, Sharon Center, Ohio.
Normandie's Bob of Chesney Farms 41145—O. W. Lehman to H. W. Griswold, West Salem, Wis.
Nortona Chief 43638—Ralph S. Norton to B. L. McKeen, Wilton, Me.
Oakland of Ewing 30978—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Olaf of Ewing 43725—Est. F. W. Roebling to H. W. Baldwin, Pennington, N. J.
Oliver's Pride 43867—Nicolaus Hurth to Peter Jennemann, Boyd, Wis.
Olmpia Ranger 43712—Guernsey K. Chaplin to O. D. Durand, New Kamilch Wash.
Pandora's Patriot of Iowanola 35017—Charles R. Mountain to S. P. Marshall, Morley, Mo.
Park Polly's King 39088—Jacob M. Jacobson & Nordahl I. Anderson to Adolph Anderson, Cambridge, Wis.
Park's Lucas 32639—John J. Schwartz to John Frederickson, Blair, Wis.
Patricia's Son 24202 (Imp.)—Emil D. Miller to E. C. Solberg, Leon, Wis.
Patsey's Pal of V. P. I. 37342—Virginia Polytechnic Institute to J. F. Jackson, Richmond, Va.
Pedro of Neenah 37388—J. T. Harness to Fred Keller, Winneconne, Wis.
Pinecrest King of Bon Ayre 42427—H. W. Wigman to Frank Gamble, Grant Park, Ill.
Portia's Glenwood Boy of Lynnhurst 43682—M. B. Lee to John Thurow, Wilton, Wis.
Povis 40186—Grace J. Holeton to Frank Zahorka, Jr., Dorchester, Wis.
Pretoria's Boy of Wawa 43872—George Wood to Rufus F. Willier, Gratz, Pa.
Pride of Dean Valley 42507—Howard F. Dean to G. L. Tenney, Linden Heights' Ohio.
Primrose's Gift of Meadowbank 40289—J. B. Supler & Sons to L. C. James, Purcellville, Va.
Prince Charles of Highlands 40295—W. R. Adams to Arthur Nelson, Lake Crystal, Minn.
Prince of Grand Rapids 43859—E. & E. Kronhohn to Erick Ericson, Grand Rapids, Wis.
Prince of Rocky Crest 43754—Arthur B. Nichols to George M. Tenney, Phillipston, Mass.
Prince of Tweed River 43756—E. C. Durkee to F. A. Baker, East Clarendon, Vt.
Princess Neelia's Marcus Glenwood 42189—Grant M. Enlow to Joseph H. Miller, Hills, Iowa.
Prospect's Choice 41642—John B. Cannon to J. C. Peck, North Granby, Conn.
Publisher of Kiluna Farm 42672—Ralph Pulitzer to William M. Thornall, Metuchen. N. J.
Queen's Golden Noble 43626—L. S. Murat to Gust Olson & Ed. Alm, Amherst Junction, Wis.
Queen's May King of Oakhurst 38173—Frank A. Hotchkiss to Charles D. Coutant, Athens, N. Y.
Ranger of Guern-weal 41091—Moulton B. Goff, to Sturgeon Bay Fruit Co., Sturgeon Bay, Wis.
Ravenscroft Coronation 25173 (Imp.)—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Red Cedar's Lord of Waukesha 40887—Lewis K. Wilson to George McKerrow & Son's Co., Pewaukee, Wis.
Redline of Kaolin 32445—Kaolin Farm Co., to Walter F. Twist, Hudson, N. H.
Reta's Raymond of V. P. I. 39853—Virginia Polytechnic Institute to Deford Co., Luray, Va.
Rex of Locust Grove Farm 29305—B. F. Dock to Andrew Lentz, Sunbury, Pa.
Rex of Sunrise Valley Farm 43875—S. V. Fennell to L. L. Lohr, Woodstock, Va.
Reuben of Riverside 43762—Canterbury Shakers to Moses L. Brock, West Newbury, Vt.
Richmond of Ellerslie 42911—G. M. Wallace to George A. Brown, Mount Ulla, N. C.
Richmond's Lady's King 43711—N. A. Rasmussen to J. E. Fritsche, Oshkosh, Wis.
Ridge Bob 34958—W. Nicholls to A. L. Hyzer, Storm Lake, Iowa.
Robert of Waldwic 41011—Edgar P. Sawyer to Charles J. Clark, Oshkosh, Wis.
Robin of Tasconia 43844—Charles Canby to Elwood Balderston, Colora, Md.
Rob of Walnut Hill Farm 43856—J. S. Walters & A. J. Stutzman, to L. J. Pletcher, Goshen, Ind.
Rochampton Croesus 5th 29901 (Imp.)—W. W. Marsh to W. J. Houmes, Lock Springs, Mo.
Rookwood Standard 42949—C. F. Curtiss to J. L. Harper, Ames, Iowa.
Rose Clatford's New Year 43843—Fred M. Sager to Robert Y. Currie, Fraser, N. Y.
Rose's Gay Lad 40503—J. H. Laney &Son to Rudoff Britzke, Jefferson, Wis.
Rose's Glenwood of Mound City 39860—Charles A. Wilkins to Charles Lade, Polar, Wis.
Rosie's Prize 42689—James M. Dunkel to John S. Ellis, Chalfont, Pa.
Royal May King 39691—A. T. Stewart to William C. King, Rockford, Ill.
Ruth L's Hero 40904—F. L. Wilbur to C. S. & R. H. Hatch, Sharon Center, Ohio.
Salada's Prince of Hillsview 40691—C. E. Hill to Arthur Mangold, New Holland, Ill.
Samson of Vinland 43699—J. T. Harness to Miss Alice Delamater, Allenville, Wis.
Selma's Charmante's Rose King 43901—Howard Shivers to B. A. Lippincott, Downingtown, Pa.
Selma's Glenwood of Sunny View 34647—George T. Findlay to I. J. Scott, Pomona, Cal.
Senora's Mexican Raider 39448—Emory C. Meltz to J. F. Mashack, Montello, Wis.
Sheila's Glenwood Boy of Lynnhurst 43695—M. B. Lee to Hurbert Hochmuth, La Valle, Wis.
Silverwood's King April 39167—H. W. Wigman to Loudoun County Breeders' Association, Purcellville, Va.
Silverwood's Snow King 39165—H. W. Wigman to Loudoun County Breeders' Association, Purcellville, Va.
Sir Edward of Seneca 43634—O. A. Glidden to Arthur H. Stilwell, Interlaken, N. Y.
Sir Philip Sydney 42433—G. M. Wallace to Lowe's Grove Farm Life School, Durham, N. C.
Sir Valentine 43848—Mrs. Eva Lehmann to R. Rigney, Pewaukee, Wis.
Speed Well of Clover Daily 43648—Fred Thurow to Gust Struck, Reedsville, Wis.
Spotswood Mole 42317—H. C. Bradley to J. A. Thomas, Garrettsville, Ohio.
Spotswood's Captain of Riverside 34960—Charles Kangas to Anton Linquist, Withee, Wis.
Squire of Ewing 39322—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Standard's Junior 43878—W. Scott Davis to E. A. Schroeder, Granton, Wis.
Star of East View 37710—D. C. Purdy to Irvin Aney, Norwalk, Wis.
State Range Pioneer 42185—W. W. Holden to T. L. Frazer, Northfield, Vt.
Stranford's Forest King 43850—J. H. Wellman to Arthur V. Nowland, Augusta, Me.
Sunbeam's Protector 43701—Bonnymeads Farms to J. Frank Armacost & Brother, Hampstead, Md.
Sweet Briar's Independence 43849—Mrs. Eva Lehmann to B. O. Johnson, Independence, Wis.
Sylvan of Rich Neck 33810—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Teddy Bay 37680—Otto W. Post to C. M. Paul, Staunton, Va.
Teddy of Roselawn 43702—Lewis H. McGrath to Ernest Shultz, Chilton, Wis.
Ted Jouner 43853—Roy J. Coombe to Ted Kilpin, La Fayette, Wis.
The Conqueror of Guernsey Hill 42747—Roy J. Coombe to J. Peter Duerst, Algoma, Wis.
The Earl of Shrewsbury 43847—Miss Clara S. Peck to Harry L. Powers, Shrewsbury, N. J.
Thomas of Louis Corners 43873—F. F. Thielke to Wm. Wollersheim, Kiel, Wis.

TRANSFERS OF GUERNSEY CATTLE

Tillybardin Yeksa Lord 42547—C. J. & D. S. Mitchell to A. W. & F. E. Fox, Waukesha, Wis.
Timothy of the Peak 43841—Mrs. Arthur V. Meigs to George R. Park, Wayne, Pa.
Tom Rilma Farview 43895—Harry Bartlett to William Cobb, Spring Mills, N. Y.
Trabajadoro of Woodbine 43877—John P. Ramsey to W. E. Harris, Charlotte, Vt.
Twilight's Rex 41211—Sass Brothers to George D. Rich, Cobden, Ill.
Twinkle's Admiral 43679—George Augustine to Vernon Adams, Enon, Pa.
Upland's May Sequel 34713—F. P. Frazier to E. C. Peck, Macedonia, Ohio.
Venus's Lad 43798—Charles E. Braman & Son to Wolf Galenski, Petoskey, Mich.
Venus's Lad 43798—Wolf Galenski to William L. Preston, Petoskey, Mich.
Victoria's Godolphin 43905—H. H. Crocker to N. L. Moseley, Thompson, Ohio.
Violet's Abington Lad 43903—W. E. Hering to John D. Sailor, Germantown, Philadelphia, Pa.
Violet's Rockingham of the Manor 37507—Fred Huggler to Miss Anna Johnson, Rosemont, Pa.
Von Don S. 39565—C. G. Dondero to Augusta City Farm, Augusta, Me.
Vulcan King of Mitchell 43799—Martin Gleeson to Sam Gough, Canova, S. Dak.
Wasteland Advocate 2d 36319—George B. Tallman to George R. Elder, Easton, Pa.
Woodrow of Glade Summit 43896—Walter D. Ward to Fred Frantz, Warren, Pa.
Yeksa of Cruglas Farm 43777—Thomas H. Evans to William J. Jones, Wild Rose, Wis.
Yeksa's Governor of Meadowview 36718—M. M. Williams to B. J. Narloch, Minto, N. Dak.
Yeksa's Sequel of Chestnut Hill 43731—Est. Myron C. Wick to William Flinn, Sharpsburg, Pa.
Zelma's Secret of Homa Della 35162—C. A. Mountain to W. B. Paine, Bondurant, Iowa.

COWS

Acadia of Linwood 51569 (Imp.)—W. J. Higdon to A. J. Welch, Redwood City, Calif.
Achsa of Birchton 41730—Frank L. Smith to Fred M. Bennett, Fultonville, N. Y.
Ada's Queen of Dean Valley 71095—Howard F. Dean to C. L. McCarty, Columbus, Ohio.
Adelaide Weshpi 45835—Frank W. Richardson to A. W. Bragg, Albert Lea, Minn.
Aggie Weshpi 63316—Frank W. Richardson to E. A. Oppengaard, Albert Lea, Minn.
Agnes Weshpi 63317—M. B. Wood to E. A. Oppegaard, Albert Lea, Minn.
Alberta of Ore Hill 52265 (Imp.)—W. J. Higdon to A. J. Welch, Redwood City, Calif.
Alcia of Linwood 51562 (Imp.)—W. J. Higdon to A. J. Welch, Redwood City, Calif.
Alice Fern of Glengary Farm 72795—Queenson & Ambal to Lesley Lair, Albert Lea, Minn.
Alice Joyce 61537—W. J. Royer to A. C. Ramseyer, Smithville, Ohio.
Alice of Fuller Farm 72904—Frank Seeley to G. W. Ray, Albion, Mich.
Alice of Maple Hill 49611—March & McGrew to E. E. McGrew, Dassel, Minn.
Alice of Shaker Hill Farm 62154—H. W. Wigman to Loudoun County Breeders' Association, Purcellville, Va.
Almanaa is of Burnham Beach 70074—John G. Burnham to George McKerrow & Sons Co., Pewaukee, Wis.
Alphia of Upper Freehold 57063—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Alswel's Lassie 2d 70144—William J. Lemp to C. A. Balcom, Ohio, Ill.
Amelia of Linwood 51566 (Imp.)—W. J. Higdon to A. J. Welch, Redwood City, Calif.
American Beauty Rose 71926—G. W. Eerement to O. Oberlin, Louisville, Ohio.
Amphalula of Burnham Beach 70471—John G. Burnham to George McKerrow & Sons Co., Pewaukee, Wis.
Amy of Mound City 71906—Charles A. Wilkins to J. E. Wrage, Arlington, Wash.
Amy of Ore Hill 52271 (Imp.)—W. J. Higdon to A. J. Welch, Redwood City, Calif.
Angelina of Ore Hill 52270 (Imp.)—W. J. Higdon to A. J. Welch, Redwood City, Calif.
Anna Glenn 21001—Est. Louis McLane to Thomas H. Fritchett, Lock Raven, Md.
Anna Glenn 21001—Thomas H. Fritchett to Raphael Walter, Glenarm, Md.
Anne Brower of Lakeside 72811—Est B. F. Nutting, to Claude B. Alverson, Dexter, N. Y.
Annette Lyons 67834—H. W. Wigman to Loudoun County Breeders' Association, Purcellville, Va.
Argie of Linwood 51567 (Imp.)—W. J. Higdon to A. J. Welch, Redwood City, Calif.
Babbette's Queen of Shrewsbury 72890—Miss Clara S. Peck to Harry L. Powers, Shrewsbury, N. J.
Baldeen 39426—L. C. McClintock to H. W. Grisweld, West Salem, Wis.
Beauty Blaye of Mara Alva 69435 (Imp.)—A. C. Ramseyer to Walter C. White, Gates Mills, Ohio.
Beauty of Alswel 2d 70145—William J. Lemp to C. A. Balcom, Ohio, Ill.
Beauty of Caslon 58087—Ruth M. Philo to E. W. Philo, Jupiter, Fla.
Beauty's Eleanor 44084—Daniel Ramseyer to Walter C. White, Gates Mills, Ohio.
Beechwood's Dainty Buttercup 2d 27589—Thomas M. Gathright to C. T. Rice, Oakton, Va.
Bella of Pomeroy 35740—Harry B. Shenk to William H. Gould, Burkeville, Pa.
Belle of Lakeside 72812—Est. B. F. Nutting to Claude B. Alverson, Dexter, N. Y.
Belle's Candas 70324—B. F. Dock to Lewis F. Gemberling, Selinsgrove, Pa.
Belle's Pearl 72766—Charles B. Welch & Son to Charles B. Welch, Fennville, Mich.
Bellwood Fannie King 71433—H. W. Wigman to Loudoun County Breeders' Association, Purcellville, Va.
Bessie Mack 49587—Howard F. Dean to A. T. Palmer, Powell, Ohio.
Bessie of Oakhart 33731—George B. Gilman to Frank W. Richardson, Garden City, Minn.
Bessie's Choice 54611—John W. Early to Oaklands Farm Co., Trenton Junction, N. J.
Bessie's Naomi's Choice 55028—H. W. Baldwin to John A. Miller, Nazareth, Pa.
Bessie Tucker El Moore 71831—George A. Bridge to William Hagen, Batavia, N. Y.
Bethleen of Old Fields 72647 (Imp.)—Frederick G. Comins to Ferdinand Gutmann, Babylon, N. Y.
Betsy Ross 64683—F. Wallis Armstrong to E. T. Gill, Haddonfield, N. J.
Betty Bay 2d 19443—W. A. Bullock to George H. Norris, Barneveld, N. Y.
Betty of Bonita 55982—Willis Coal & Mining Co., to Claude Clauneh, Carbondale, Ill.
Betty of Meadow Brook 66638—H. W. Wigman to Loudoun County Breeders' Association, Purcellville, Va.
Bijou of Ore Hill 48089 (Imp.)—W. J. Higdon to A. J. Welch, Redwood City, Calif.
Billy's France's Freesia 27573 (Imp.)—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Billy's France's Primrose 29978 (Imp.)—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Bloomfield Pandora 20760—Est. H. H. Pearson, Jr., to C. L. A. Whitney, Albany, N. Y.
Blossom of Louis Corners 72934—F. F. Thielke to William Klann, Hayton, Wis.
Blossom of Rich Neck 2d 61050—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Blossom's Lassie of Evergreen 68270—E. G. Van Heuklom to N. A. Rasmussen, Oshkosh, Wis.
Bonaparte's Garnet's Daughter 68443—W. W. Stoddard to A. C. Ramseyer, Smithville, Ohio.
Bon Espoir of the Hechet 39737 (Imp.)—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Botchy of Caslon 72853—Ruth M. Philo to E. W. Philo, Jupiter, Fla.
Botchy of Sunny Side 16398—Ruth M. Philo to E. W. Philo, Jupiter, Fla.
Brehaut of Wyebrook 55798—C. L. A. Whitney to H. M. Sage, Albany, N. Y.
Brenda Troil 23791—Frederick G. Comins to Ferdinand Gutmann, Babylon, N. Y.
Buckeye's Zelma 29614—Howard F. Dean to Edward Fassig, Columbus, Ohio.
Buttercup of Dean Valley Farm 43742—Howard F. Dean to E. E. Smith & Son, Shepard, Ohio.
Buttercup II. of the Mourants 39464 (Imp.)—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Cadenza 59343—Charles S. Kirk to Helendale Farms, Milwaukee, Wis.
Calamity Jane 33801 (Imp.)—J. Archie Bell to W. Henry Bell, Scotts Station, Ky.
Candillo II. 39442 (Imp.)—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Canterbury Bell of Ewing 70586—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Captain's Pearl 70387—H. W. Wigman to Loudoun County Breeders' Association, Purcellville, Va.
Carnation of Sarnia 46575 (Imp.)—March & McGrew to E. E. McGrew, Dassel, Minn.
Carpatha Pride 22894—George M. White to L. S. White, Cairo, N. Y.
Chiltern of Mansell Street 53610 (Imp.)—Fremont N. Turgeon to C. W. Barron, Cohasset, Mass.
Chronicle's Favorite of Ewing 59369—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. Y.
Clara Maple of Linden Home 68877—Charles Solveson to Arvid Morner, Ogema, Wis.
Clara of Searsmont 43934—Est. A. K. Paul to C. E. Libby, Waterville, Maine.
Clara of Shadyside 72954—J. W. Rice to C. S. Wolfringer, Hagerstown, Md.
Claroy's Daisy of Locust Hill 57229—F. D. Moody to A. G. Moody, Canajohrie, N. Y.
Classic of Sarnia 46536 (Imp.)—March & McGrew to E. E. McGrew, Dassel, Minn.
Cloture of Sarnia 46580 (Imp.)—March & McGrew to E. E. McGrew, Dassel, Minn.
Clyte of Sarnia 47626 (Imp.)—March & McGrew to E. E. McGrew, Dassel, Minn.
Columbine of Rich Neck 2d 49307—Est. H. H. Pearson, Jr., to Frank Graham Thomson, Devon, Pa.
Comma of Sarnia 46576 (Imp.)—March & McGrew to E. E. McGrew, Dassel, Minn.
Cora of E. 42174—Mrs. M. M. Danielson to W. H. Allen, Chelsea, Wis.
Cora's Lady of Oak Hill Farm 40290—March & McGrew to E. E. McGrew, Dassel, Minn.
Corinthia 66063—Helendale Farms to Bhend Bros., Corinth, Wis.
Cosy of Oakwood 58163—W. Henry Bell to Turner Bros., Winnsboro, S. C.
Cosy's Ada May 29612—Howard F. Dean to Edward Fassig, Columbus, Ohio.
Countess Freda 42244—R. Alfred Synyur to L. A. Anderson, Newport, N. H.
Countess Helene of Ewing 70587—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Countess's Lily 47376—Mrs. Ella W. Cameron to A. K. Mast, Cochranville, Pa.
Creamy Verna May of Prospects 72693—Mrs. M. M. Danielson to Lynn Briggs, Peebles, Wis.
Cute Dombey of Lone Oak 60377—W. J. Royer to I. W. Schieber, Bucyrus, Ohio.
Cute Dombey's Dainty of Lone Oak 60376—W. J. Royer to I. W. Schieber, Bucyrus, Ohio.
Cynthia Evangeline 71325—H. W. Baldwin to A. J. Snyder, Plumsteadville, Pa.
Daffodil of Maple Row 71539—A. H. Bishop to Mrs. Verne Warman, Coloma, Mich.
Daffodil of Rich Neck 61458—Est F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Dagny of Woodland 72935—Andrew Eastland to James E. Salmon, Siren, Wis.
Dairy Maid Lass 72869—B. W. Doyle to G. N. B. Tuttle, Sterling, Mass.
Dairymaid's Fortune of Alswel 71099—William J. Lemp to Gebhardt Bros., Palmyra, Mo.
Daisy Bickleigh 64534—H. W. Wigman to Loudoun County Breeders' Association, Purcellville, Va.
Daisy Claire 42988—John W. Early to Oaklands Farm Co., Trenton Junction, N. J.
Daisy Lenora of Pleasant View 52310—W. J. Royer to I. W. Schieber, Bucyrus, Ohio.
Daisy Mahy's King's Princess 56714—Henry Bandli to A. G. Beebe, Ladysmith, Wis.
Daisy of Bradhurst 60889—William Hodges Mann to Boswell & Ingham, Burkeville, Va.
Daisy of Bradhurst 60889—Boswell & Ingham to T. B. Shackford, Lynchburg, Va.
Darling of Ida Cottage 44578 (Imp.)—F. P. Frazier to E. C. Peck, Macedonia, Ohio.
Darling's Ideal 38739—H. W. Wigman to J. L. Ready, Kalamazoo, Mich.
Daturadale 51195—Daniel Ramseyer to Walter C. White, Gates Mills, Ohio.
Daturadale of Mara Alva 72837—W. W. Stoddard to A. C. Ramseyer, Smithville, Ohio.
Deanie S. 59113—J. H. Detwiler to L. W. Strunk, Mifflinburg, Pa.
Delia of Fairview 68820—Est. Charles Peiter to C. H. Duvall, Mountain Grove, Mo.
Diamond Duke's Maid 72936—C. C. Johnston to Ira McJunkin, Butler, Pa.
Diana of Valley View 35691—Frank O. Lowden to Matt C. Thompson, Fenton, Ill.
Diene of Ewing 72728—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Dollie of Maple Grove 33675—W. W. Stoddard to A. C. Ramseyer, Smithville, Ohio.
Dolly of Evergreen View Herd 47508—Albert Warrington to Charles Ellyson, Salem, Ohio.
Dora's Tina 44602—James Mulry to August Daberkow, Schlerville, Wis.
Dorcas of Old Fields 72646—Frederick G. Comins to Ferdinand Gutmann, Babylon, N. Y.
Dorothy's Delight of Dean Valley 66176—Howard F. Dean to A. T. Palmer, Powell, Ohio.
Doyleland's Pride 72871—B. W. Doyle to G. N. B. Tuttle, Sterling, Mass.
Duchess of Upper Freehold 5th 52626—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Duchess of Wildwood 37464—C. M. Hutchinson to Wyman R. Hoagland, Moravia, Idaho.
Duke's Fern 39955—George L. Rietz, to Alfred Luther, Florence, Kansas.
Duke's Fern 39955—Alfred Luther to P. T. Hansen, Peabody, Kansas.
Eagle's Mollie 57620—James Mulry to Kelley Bros., Taylor, Wis.
East Horn 23958—Peter Schmitt to Schmitt Bros., Mansfiled, Ohio.
Eleanor of Richland 21876—W. B. Dearth to C. M. Wilkey, Connellsville, Pa.
Ella's Frau 17241—Albert Paulson to Edward Fackbarth, Janesville, Wis.
Emma M. 2d 48363—Lawrence Burger to Theodore J. Burger, Wausau, Wis.
Ethel M. of Birchton 41731—Frank L. Smith to Fred M. Bennett, Fultonville, N. Y.

TRANSFERS OF GUERNSEY CATTLE

Ethel of Shaker Hill Farm 54795—H. A. Lower to W. A. Barnes, Brinkhaven, Ohio.
Ethel of Springtime 63972—Daniel Ramseyer to Walter C. White, Gates Mills, Ohio.
Evangeline Gardenella 71789—H. W. Baldwin to A. J. Snyder, Plumsteadville, Pa.
Fairy's Equal 71620—Vincent Seidel to Paul Love, Garrettsville, Ohio.
Faithful Queen of Riverview 72892—Charles L. Moore to Rollin S. Woodruff, Guilford, Conn.
Faith of Ewing 72729—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Fannie Hayes of Danby 60348—H. W. Wigman to Loudoun County Breeders' Association, Purcellville, Va.
Favorite of Caslon 72854—Ruth M. Philo to E. W. Philo, Jupiter, Fla.
Fern of Richland 58301—James B. Secrist to H. W. Wigman, Lansing, Mich.
Fern of Richland 58301—H. W. Wigman to Loudoun County Breeders' Association, Purcellville, Va.
Fern of Rich Neck 54991—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Fife's First 43741—Howard F. Dean to George W. Love, Garrettsville, Ohio.
Flintstone Sweet Melrose 63111—F. G. Crane to M. Whitney, Berlin, N. Y.
Flora Belle of Edgemoor 63566 (Imp.)—W. H. Dupee to E. W. Major, Santee, Calif.
Flora of Mara Alva 68145 (Imp.)—A. C. Ramseyer to Walter C. White, Gates Mills, Ohio.
Flora's Helen 56530—I. W. Schieber to A. C. Ramseyer, Smithville, Ohio.
Flora's Helen 56530—A. C. Ramseyer to Walter C. White, Gates Mills, Ohio.
Flora's Pride of Nutting Farm 72809—Est. B. F. Nutting to Claude B. Alverson, Dexter, N. Y.
Florry Milestone of Mara Alva 68108 (Imp.)—A. C. Ramseyer to Walter C. White, Gates Mills, Ohio.
Foxyette 27095—H. W. Griswold to H. O. Schwenke, New Richland, Minn.
Francesca of Ewing 63118—Est. F. W. Roebling to Oaklands Farm Co. Trenton Junction, N. J.
France XVIII's Daughter 25001 (Imp.)—Est. H. H. Pearson, Jr. to Frank Graham Thomson, Devon, Pa.
France's Lily of Rich Neck 54382—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Frances of The Maples Farm 44877—Joseph P. Golinvaux to Henry Haubert, Waterloo, Iowa.
Francetta of Woodend 39163—Eva B. Olmstead to C. F. Grass, Zurich, Mont.
Gaiety's Daisy 48590—H. W. Baldwin to John A. Miller, Nazareth, Pa.
Galahad's Princess Select 2d 43198—George Bird Grinnell to L. E. Stoddard & C. M. Sharpe, Orange, Conn.
Galaxy's Granddaughter of Mara Alva 69971—Daniel Ramseyer to Walter C. White, Gates Mills, Ohio.
Galaxy's Butter Boy's Love 61442—Ward Ramseyer to Walter C. White, Gates Mills, Ohio.
Galaxy's Mar's E. M. F. 68442—W. W. Stoddard to A. C. Ramseyer, Smithville, Ohio.
Galaxy's Wonder Girl 61441—W. J. Royer to A. W. Smith, Pataskala, Ohio.
Geoffrey's Iona 54942—Loren R. Carter to John Dove, Litchfield, Conn.
Geraldine of Maple Ridge 42274—W. W. Stoddard to A. C. Ramseyer, Smithville, Ohio.
Giddy the Belle 63163—Eva B. Olmstead to C. F. Grass, Zurich, Mont.
Gladys Sequel 64053—H. N. Longley to J. M. Johnson, La Valle, Wis.
Glenwood's Algemia 59609—Lewis K. Wilson to Graves & Murphy, Aitken, Minn.
Glenwood's Beauty of Kinderhook 45102—Howard McDaniels to William H. Barr, Derby, N. Y.
Glenwood's Bonito of Alfalfa Farms 65809—Howard Shivers to Mrs. Nellie Miles, Atlantic, Va.
Glenwood's Lady Jones 72886—Mrs. Ella W. Cameron to A. K. Mast, Cochranville, Pa.
Glenwood's Yeksadew 47297—H. D. Griswold to H. E. Babcock, Ithaca, N. Y.
Glenwood's Yeksadew 47297—H. E. Babcock to William H. Barr, Derby, N. Y.
Glenwood Twilight 24259—H. N. Longley to Henry Van Rein, Dorchester, Wis.
Glenwood Twilight, Jr., 64054—H. N. Longley to Mrs. Cora Miller, Iona, S. Dak.
Glenwood Twilight's Sequel 57572—H. N. Longley to Henry Van Rein, Dorchester, Wis.
Golden Glow of Rich Neck 61049—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Golden Lassie of Alswel 64887—William J. Lemp to C. A. Balcom, Ohio., Ill.
Golden Rod of West View 38934—H. W. Baldwin to John A. Miller, Nazareth, Pa.
Good Hope of Ewing 70588—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Governor of the Chene's Herald Queen 44459 (Imp.)—W. J. Higdon to A. J. Welch, Redwood City, Calif.
Grassmere's Almira 72692—W. W. Clark & M. H. Jackson to Mary M. Dougherty, Cedar Rapids, Iowa.
Griselda Faithful 67535—A. M. Stocking to I. M. Martin, La Harpe, Ill.
Guilado's Margie 49954—James Mulry to Ed Brown, Black River Falls, Wis.
Guiding Star's Primrose 60250—H. W. Griswold to O. W. Lehmann, Lake Villa, Ill.
Guydetta of Hill and Dale 50523—Charles S. Kirk to Helendale Farms, Milwaukee, Wis.
Guy's Gula 72660—C. A. Wright to Lowell Gable, Wyebrook, Pa.
Gypsy of Ewing 62462—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Harwood Dora 72644—D. N. C. Hyams to R. G. Harwood, Littleton, Mass.
Harwood Flora 72645—D. N. C. Hyams to R. G. Harwood, Littleton, Mass.
Heartsease of Rich Neck 2d 49308—Est. H. H. Pearson, Jr. to Frank Graham Thomson, Devon, Pa.
Helena Elizabeth of Prospects 70221—Mrs. M. M. Danielson, to W. H. Allen, Chelsea, Wis.
Helen of Sunny View 42730—I. J. Scott to O. E. Bowen, Pasadena, Calif.
Herald Queen's Tulare Lady 58179—W. J. Higdon to A. J. Welch, Redwood City, Calif.
Herivel's Betty 33138 (Imp.)—Alfred I. Stubbs to Albert L. Hyzer, West Salem, Wis.
Hilda II. of the Spurs 39461 (Imp.)—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Hyacinth of Rich Neck 41116—Est. H. H. Pearson, Jr. to Frank Graham Thomson, Devon, Pa.
Ida May of Taylor 49953—James Mulry to W. Scott Davis, Granton, Wis.
Ida May's Mabel 66320—James Mulry to W. Scott Davis, Granton, Wis.
Jastra's Highland Lilly 48669—H. W. Wigman to Loudoun County Breeders' Association, Purcellville, Va.
Jennie of Bradhurst 32755—William Hodges Mann to James L. McIntosh, Dovesville, S. C.
Jeronie's Fantine Girl of Newark Valley 34562—Archie I. Mee to T. S. Kelley, Tomah, Wis.
Jessie of Cosquay 62805—E. J. Adkins to B. F. Adkins, Hebron, Md.
Jessie of Locust Lane 72960—J. Elizabeth Shaffer to Louis McL. Merryman, Cockeysville, Md.
Jewel's Beauty of Lone Elm Farm 60869—J. M. Kurtz to T. A. Foster, LaCygne, Kansas.
Jour de Grace 66496—H. W. Wigman to Loudoun County Breeders' Association Purcellville, Va.
June Pride of Millgrove 67310—J. J. Hout to Hugh Fergus, Slippery Rock, Pa.
Justine's Hopeful 53547—H. I. Gibson to Frank A. Springer, Elmwood, Wis.
Karenina of Fairview 72661—C. A. Wright to Lowell Gable, Wyebrook, Pa.
Karolassie 72659—C. A. Wright to Lowell Gable, Wyebrook, Pa.
Kate of Spring Meadow 63461—Lewis H. McGrath to Ernest Shultz, Chilton, Wis.
Kathryn of Wasteland 62664—Geo. M. White to L. S. White, Cairo, N. Y.
Kentucky Babe 71717—J. Archie Bell to W. Henry Bell, Scotts Station, Ky.
King of the May's King's Daughter 55894—Isaac Leer to H. W. Griswold, West Salem, Wis.
King of the May's King's Daughter 55894—H. W. Griswold to O. W. Lehmann, Lake Villa, Ill.
King Pretor's Rose of Lakeside 70565—March & McGrew to E. E. McGrew, Dassel, Minn.
King's Comma of Lakeside 60826—March & McGrew to E. E. McGrew, Dassel, Minn.
King's First Choice of Lake Side 54437—March & McGraw to E. E. McGrew, Dassel, Minn.
Lady Alpha 35129—W. A. Barnes to George W. Love, Garrettsville, Ohio.
Lady Alpha 35129—George W. Love to A. C. Ramseyer, Smithville, Ohio.
Lady Betty of Bickleigh 36477 (Imp.)—H. C. Bradley to W. R. Robinson, Cuyahoga Falls, Ohio.
Lady Blanche of Blackleigh 44568 (Imp.)—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Lady Glenwood of Aldworth 72705—Howard McDaniels to William H. Barr, Derby, N. Y.
Lady Glenwood of Ard Righ 46247—S. D. Henry to W. H. Miller, Cameron, Mo.
Lady Justine 63093—H. I. Gibson to Frank A. Springer, Elmwood, Wis.
Lady Maple 42063—George A. Clark to C. H. Fowler, Perry, N. Y.
Lady Nimrod of Bon Ayre 71432—H. W. Wigman to Loudoun County Breeders' Association, Purcellville, Va.
Lady Nona of Meadow Brook 66639—H. W. Wigman to Loudoun County Breeders' Association, Purcellville, Va.
Lady of Breeze Hill 33506—H. W. Wigman to Loudoun County Breeders' Association, Purcellville, Va.
Lady Roberts of Ewing 61516—Est. F. W. Roebling to Oaklanda Farm Co., Trenton Junction, N. J.
Lady Rosaline of Ewing 64846—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Lady's Mayflower 58348—W. H. Chapin to Lobdell & Blott, Mukwonago, Wis.
Lady Woodbourne's Daughter 61221—S. D. Henry to W. H. Miller, Cameron, Mo.
La Favorita de las Alquerias 45247—Ruth M. Philo to E. W. Philo, Jupiter, Fla.
Lamont's Theodosia 72833—W. C. Lamont to H. S. Lamont, Cobleskill, N. Y.
Lamont's Tina 72832—W. C. Lamont to H. S. Lamont, Cobleskill, N. Y.
Laura Jane of Jefferson 41936—H. W. Wigman to S. Miller, Kalamazoo, Mich.
Le Cerf's Beauty 33116 (Imp.)—H. W. Griswold to R. V. Burdick, Tomah, Wis.
Lepha of Caslon 53878—Ruth M. Philo to E. W. Philo, Jupiter, Fla.
Lihou Bell III. 39449 (Imp.)—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Lil Blanche 52744—C. M. Hutchinson to Wyman R. Hoagland, Moravia, Idaho.
Lily's Lady May 23922—W. J. Royer to C. A. Gerhart, Bucyrus, Ohio.
Lilly of Springbrook 72778—Springbrook Farm Co. to Schroeder Bros., Antigo, Wis.
Lily A. Queen of Aarondale 72797—George E. Deming, to E. R. Patchen, Sugargrove, Pa.
Lily II. des Baissieres 39454 (Imp.)—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Lily's Lassie 45235—H. I. Gibson to Errick Stein, Spring Valley, Wis.
Lily Valinquet X. 39475 (Imp.)—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Lisette of Linwood 51087—Chris Rieben to Edward & Chris Rieben, Banks, Oregon.
Listowel 31007—Isaac Leer to H. W. Griswold, West Salem, Wis.
Lizette II. de la Tablette 36467 (Imp.)—W. W. Stoddard to A. C. Ramseyer, Smithville, Ohio.
Lorena of Popular Grove 72790—William Schlosser to William Schlosser & Carl Sahlhoff, Bremen, Ind.
Lorna Dee 3d 72771—E. G. Crocker to Clark J. Luce, Somerset, Maine.
Lottie Joy Moore 71829—George A. Bridge to William Hagen, Batavia, N. Y.
Louise of Green Lodge 68044—George C. Stone to Edmund D. Codman, Dedham, Mass.
Lucent 25520—Lewis H. McGrath to Ernest Shultz, Chilton, Wis.
Lucy of Sitka's Barry Lass 72909—Lillie A. Crawford to E. C. Eckert, Freeport, Mich.
Luella of Birchton 49223—Frank L. Smith to Fred M. Bennett, Fultonville, N. Y.
Lynette's Lady 49646—H. W. Griswold to R. V. Burdick, Tomah, Wis.
Mabel of Harmony Corners 62577—Albert G. Buckley to Leonard Bassett, Valley Falls, N. Y.
Mae of Waveland 48936—Charles A. Marsh to H. H. Martin, Cass Lake, Minn.
Maggie of Bon Ayre 71378—H. W. Wigman to Loudoun County Breeders' Association, Purcellville, Va.
Maggie of St. Croix 46686 (Imp.)—Roy Burton to H. T. Newcomb, Bethseda, Md.
Maggie Whitfield 72861—Noah Moyer to George C. Russell, Willoughby, Ohio.
Magnet's Pride 39494—C. M. Hutchinson to Wyman R. Hoagland, Moravia, Idaho.
Mahy's Moss Rose II. 39474 (Imp.)—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Maid of Ledyard 20595—Harry B. Shenk to William H. Gould, Burkeville, Va.
Margie's S. of Middlebury 72351—Loren R. Carter to John Dove, Litchfield, Conn.
Margie's Susie 2d 45450—Loren R. Carter to C. A. Eaton, Kent, Conn.
Marguerite's Pride Lady 62010—John W. Earley to Oaklands Farm Co., Trenton Junction, N. J.
Marguerite Sultana 54940—H. C. Bradley to W. C. Keenan, Cuyahoga Falls, Ohio.
Marian of Upper Freehold 52312—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Marie of Oakland Farm 72757—J. I. Hereter to George Himes, Gettysburg, Pa.
Marie of Oakwood 58165—W. Henry Bell to Painter & McPeek, Hanover, Ohio.
Marion Joy 72810—Est. B. F. Nutting to Claude B. Alverson, Dexter, N. Y.
Marjory Elizabeth of Prospects 70223—Mrs. M. M. Danielson to W. H. Allen, Chelsea, Wis.
Martha Arnold 43740—Howard F. Dean to A. T. Palmer, Powell, Ohio.
Marva of Riverview 72891—Charles L. Moore to Rollin S. Woodruff, Guilford, Conn.
Mary Aston 60110—Thomas M. Gathright to C. T. Rice, Oakton, Va.
Mary Jane of Birchton 50605—Frank L. Smith to Fred M. Bennett, Fultonville, N. Y.
Mary Magdalen 72840—Noah Moyer to George C. Russell, Willoughby, Ohio.
Masher's Dousman's Snowdoun 50660—H. N. Dongley to J. M. Johnson, La Valle, Wis.
Maud of Pine Hill Farm 39033—Peter Schmitt to Schmitt Bros., Mansfield, Ohio.
Maud of Sunny Brook 72873—Peter Schmitt to Schmitt Bros., Mansfield, Ohio.
Maxwell's Princess 65137—Charles Solverson to Arvid Morner, Ogema, Wis.
Maxwell's Wahtawaso 65138—Charles Solverson to Arvid Morner, Ogema, Wis.

TRANSFERS OF GUERNSEY CATTLE

May Apple of Ewing 63119—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
May King's Lilac of Ewing 41547 (Imp.)—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
May King's Rose of Springside 66543—Harry B. Shenk to S. N. Root, Landisville, Pa.
May of Eastside 52567—H. Edward Babcock to S. E. Banks, Ithaca, N. Y.
May Pride of Millgrove 68397—J. J. Hout to Hugh Fergus, Slippery Rock, Pa.
Mayree of Upper Freehold 52313—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
May Royal's Lady Gree 46273—C. F. Holmes to D. McComas, Kansas City, Mo.
Maywood's Prince's Maud 69051—Paul R. Nathan to Roy Raaba, Kendall, Wis.
Merton Hay Breeze 32484 (Imp.)—Charles Solverson to Henry J. Nunnemacher, Milwaukee, Wis.
Mesabia's Queen 27190 (Imp.)—W. T. Barbour to Rozell Bros., Clinton, Ontario.
Midget of Pine Knoll 67298—Mrs. Howard McDaniels to Charles D. Cleveland, Eatontown, N. J.
Midway's Betsey 72615—C. F. Hess to H. F. Ruhl, Manheim, Pa.
Mignonette of Rich Neck 36828—Est. H. H. Pearson, Jr., to Frank Graham Thomson, Devon, Pa.
Mignonette of Rich Neck 2d 49310—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Mignot of Sarnia 35630 (Imp.)—March & McGrew to E. E. McGrew, Dassel, Minn.
Mignot's Beauty of Lakeside 69312—March & McGrew to E. E. McGrew, Dassel, Minn.
Mimosa's Jewel II. 39437 (Imp.)—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Minnie Malcolm of South Crannah 72675—Est. J. B. Malcolm to John S. Rich, Marion N. Y.
Minola France of Oakwood 41358—H. W. Baldwin to John A. Miller, Nazareth, Pa.
Minuet of Paxtang 28210—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Minuet's Charity of Ewing 61518—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Miss Peaches 41143—James Mulry to W. Scott Davis, Granton, Wis.
Modena of Good Intent Farm 33188—Frank Stuart to Ray Fritschie, Washington, Pa.
Molly of Pine Grove 67454—Emil D. Miller to H. W. Griswold, West Salem, Wis.
Monarda of Ewing 51096—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Morning Glory of Glendale 50234—A. B. Grapes to Jacob Schuster, Glenwood City, Wis.
Myrtle's Bessie 26433—George A. Clark to C. H. Fowler, Perry, N. Y.
Nancy Jeweler 71767—H. N. Longley to J. M. Johnson, La Valle, Wis.
Naomi and Princess's Glen 63613—W. H. Clark to Edward L. Brown, Bridgeton, N. J.
Naomi's and Bessie Bell's Daughter 68920—W. H. Clark to Edward L. Brown, Bridgeton, N. J.
Naomi's and Marguerite's Choice 68917—W. H. Clark to Lewis C. Hitchner, Bridgton, N. J.
Naomi's Bessie Bell 62900—W. H. Clark to Edward L. Brown, Bridgton, N. J.
Naomi's Castel Maiden 68918—W. H. Clark to Lewis C. Hitchner, Bridgton, N. J.
Nelita's Beauty 38879 (Imp.)—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Nimble of the Mourants 39471 (Imp.)—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Nina of Birchton 43967—Frank L. Smith to Fred M. Bennett, Fultonville, N. Y.
Nocturne of Paxtang 40922—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Nuggett's Olivia 61124—Frank W. Richardson to William Spornitz, Mankato, Minn.
Oakland Starlight 2d 72756—J. I. Hereter to George Himes, Gettysburg, Pa.
Ona of Mound City 71905—Charles A. Wilkins to Emil Walthers, Medford, Wis.
Patricia of Caslon 67767—Ruth M. Philo to E. W. Philo, Jupiter, Fla.
Pauline Masher 64121—W. W. Stoddard to A. C. Ramseyer, Smithville, Ohio.
Peaches Hazel 66319—James Mulry to W. Scott Davis, Granton, Wis.
Peaches's Ideal 72868—James Mulry to W. Scott Davis, Granton, Wis.
Pearl of Dean Valley 57483—Howard F. Dean to Park Bros., Westerville, Ohio.
Pearl of Highway 49128—Walter W. Little to Samuel A. Kohler, New Oxford, Pa.
Peggy of Ewing 61517—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Petty of Oak Hill Farm 57588—March & McGrew to E. E. McGrew, Dassel, Minn.
Polly's Pride of Mara Alva 68116 (Imp.)—A. C. Ramseyer to Walter C. White, Gates Mills, Ohio.
President's Pauline 40681—Eva B. Olmstead to C. F. Grass, Zurich, Mont.
Pride of Uhlma's Yekstang 54485—Frank W. Richardson to William Spornitz, Mankato, Minn.
Pride's Malvern Princess 72885—C. M. Hutchinson to Wyman R. Hoagland, Moravia, Idaho.
Princess Fannie 34550—Howard F. Dean to Park Bros., Westerville, Ohio.
Princess Fannie of Dean Valley 66175—Howard F. Dean to H. E. Shepard, Columbus, Ohio.
Princess Glenwood of Aldworth 72706—Mrs. Howard McDaniels to William H. Barr, Derby, N. Y.
Princess Guerna 67384—N. M. Francisco to Charles N. Francisco, Wellsville, N. Y.
Princess Hildegard 31559—August H. Vogel to A. F. Pynn, Hartland, Wis.
Princess Naomi's Castel 60783—John W. Earley to Oaklands Farm Co., Trenton Junction, N. J.
Princess of Caslon 53877—Ruth M. Philo to E. W. Philo, Jupiter, Fla.
Princess V. 59116—J. H. Detwiler to L. W. Strunk, Mifflinburg, Pa.
Priscilla of Saradale 24716—James Mulry to W. Scott Davis, Granton, Wis.
Priscilla's Pauline 66318—James Mulry to K. C. Sly, Sechlerville, Wis.
Princess's Primrose 57621—James Mulry to O. S. Huseboe, Taylor, Wis.
Prize Defender Sequel of Arbolist 51909—Est F. W. Roebling to Oaklands Farm Co. Trenton Junction, N. J.
Quail of Sunny Brook 72930—R. M. Flick to Robert Guiney, Evans City, Pa.
Quail of Warren Wood 32413 (Imp.)—R. M. Flick to Robert Guiney, Evans City, Pa.
Queen Alpha of Berkshire Maplecroft 50797—R. Alfred Synyur to Frederick H. Farrington, Brandon, Vt.
Queen of Sunny Brook 72872—Peter Schmitt to Schmitt Bros., Mansfield, Ohio.
Radium of Ewing 72730—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Ramee's Pauline 33809—G. M. Passmore to J. Sheridan Beahan, Clearfield, Pa.
Ranger's Spotted Beauty 59474—A. C. Ramseyer to Walter C. White, Gates Mills, Ohio.
Raymond's Lily of St. Saviour's 45374—W. J. Higdon to A. J. Welch, Redwood City, Calif.
Red Rose of Locust Hill 65612—Frank M. Reed to W. J. Royer, Orrville, Ohio.
Red Rose of Locust Hill 65612—W. J. Royer to C. A. Gerhart, Bucyrus, Ohio.
Reed's Marshall's Mable of Mapleview Farm 72835—C. A. Hayden to George Patterson, Fayette City, Pa.
Reed's Marshall's May of Mapleview Farm 72836—C. A. Hayden to George Patterson, Fayette City, Pa.
Regina of Caslon 40157—Ruth M. Philo to E. W. Philo, Jupiter, Fla.
Roena's Daisy 70325—B. F. Dock to Lewis F. Gemberling, Sellinsgrove, Pa.
Roena's Rose 69767—B. F. Dock to Lewis F. Gemberling, Selinsgrove, Pa.
Rose Bigelow of Maplewood 72791—S. S. Norton to Delmont Norton, North New Portland, Maine.
Rose King's Jess of Hilltop 65256—W. I. Lincoln Adams to H. W. Wigman, Lansing, Mich.
Rose King's Jess of Hilltop 65256—H. W. Wigman to Loudoun County Breeders' Association, Purcellville, Va.
Rosemary of Ewing 63121—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Rose of Les Frances 38850 (Imp.)—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Rose of Mara Alva 68123 (Imp.)—A. C. Ramseyer to Walter C. White, Gates Mills, Ohio.
Rose of Oak Hill Farm 44612—March & McGrew to E. E. McGrew, Dassel, Minn.
Rose's Bess 69769—B. F. Dock to Lewis F. Gemberling, Selinsgrove, Pa.
Rose's Snowball of Locust Grove Farm 70911—B. F. Dock to Lewis F. Gemberling, Selinsgrove, Pa.
Roxanna of Guernseydale 56792—H. W. Baldwin to Thomas R. Claringbold, Newark, Del.
Roxie of Bonita 55981—Willis Coal & Mining Co. to Claude Claunch, Carbondale, Ill.
Royana 16770—Lewis K. Wilson to H. P. West, Ripon, Wis.
Ruby of Meadowview 72782—F. Wallis Armstrong to E. T. Gill, Haddonfield, N. J.
Ruth H. of Middlebury 70134—Loren R. Carter to John Dove, Litchfield, Conn.
Ruth of Hillstead 51713—Loren R. Carter to J. G. Butler, Roxbury, Conn.
Sapphire of Ewing 54299—Est. F. W. Roebling to Oaklands Farm Co., Trenton, Junction, N. J.
Secret's Daisy 72686—E. F. Bronk to Arthur C. Hotaling, West Coxsackie, N. Y.
Sequel's Coral of Highway 38940—W. J. Higdon to A. J. Welch, Redwood City, Calif.
Sequel's Pride's Buttercup 54452—George M. White to L. S. White, Cairo, N. Y.
Sequel's Queem 48453 (Imp.)—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Silver Bell of Guernsey and Mule Farm 56059—Dudley & Longley to Fred Fuller, Cato, N. Y.
Sonsie Jewel 29458—John Tyler to Lydia H. Tyler, Salem, N. J.
Squire's Saysans' Rose 52050—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Standard's Elite 2d 72870—B. W. Doyle to G. N. B. Tuttle, Sterling, Mass.
Starlight of Farview 72658—C. A. Wright to Lowell Gable, Wyebrooke, Pa.
Starlight of Sunnyside 53256—I. W. Schieber to A. C. Ramseyer, Smithville, Ohio.
Stella Burton 29852—William Hodges Mann to James L. McIntosh, Dovesville, S. C.
Stella of Sarnia 62387 (Imp.)—August Busse to A. W. & F. E. Fox, Waukesha, Wis.
Sunbeam Mar 43417—A. C. Ramseyer to George W. Hicks, Saginaw, Mich.
Sunnyside Aggie J. 63430—Dudley & Longley to Fred Fuller, Cato, N. Y.
Sunnyside Belle IV. 39438 (Imp.)—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Susan Jane of Wola 46322—Mrs. Ella W. Cameron to A. K. Mast, Cochranville, Pa.
Susie of Evening Shade Guernsey Farm 72789—H. V. Sensenbaugh to Cloid M. Kerlin, Delphi, Ind.
Theresia's Materna 41799—G. C. Youmans to W. C. Gerhardt, Neilsville, Wis.
Tokalon 2d 33911—H. W. Griswold to F. K. Finseth, New Richland, Minn.
Topaz of Ewing 56222—Est. F. W. Roebling to Oaklands Farms Co., Trenton Junction, N. J.
Trevose Sister 23359—Henry Gaugel to A. J. Snyder, Plumsteadville, Pa.
Trusty's Belle 69768—B. F. Dock to Lewis F. Gemberling, Solinsgrove, Pa.
Trusty's Esther 69766—B. F. Dock to Lewis F. Gemberling, Selinsgrobe. Pa.
Tulip of Rich Neck 45359—Est. F. W. Roebling to Oaklands Farms Co., Trenton Junction, N. J.
Unison's Daisy 49416—C. A. Hayden to George Patterson, Fayette City, Pa.
Vanquisher's Arrabelle 72679—Wilcox & Stubbs to Albert L. Hyzer, West Salem, Wis.
Venus D. 32992—W. J. Dawson to Albert C. Hauser, La Crosse, Wis.
Vera of Sylvanite 69751—Richard F. Klemm to W. H. Dick, Phillipp, Miss.
Vernette of Caslon 58670—Ruth M. Philo to E. W. Philo, Jupiter, Fla.
Vernette of Caslon 2d 72855—Ruth M. Philo to E. W. Philo, Jupiter, Fla.
Village Countess 46791—Alfred I. Stubbs to Albert L. Hyzer, West Salem, Wis.
Viliaze Conqueror's Dollie 65040—W. W. Stoddard to A. C. Ramseyer, Smithville, Ohio.
Viola of Homestead 2d 18976—J. M. Sumner to F. W. Anderson, Medina, Ohio.
Violet II. des Videclins 39452 (Imp.)—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Violet of Caslon 46512—Ruth M. Philo to E. W. Philo, Jupiter, Fla.
Violet of the Gree VI. 39669 (Imp.)—C. F. Holmes to D. McComas, Kansas City, Mo.
Violet's Pearl IV. 39467 (Imp.)—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Violette of Rich Neck 41117—Est. F. W. Roebling to Oaklands Farm Co., Trenton Junction, N. J.
Virginia of Caslon 58089—Ruth M. Philo to E. W. Philo, Jupiter, Fla.
Virginia of Maplecrest 65202—Vincent Seidel to Paul Love, Garrettsville, Ohio.
Watson's Daisy II. 50327 (Imp.)—Emil D. Miller to H. W. Griswold, West Salem, Wis.
White Stockings Flora of Dean Valley 71096—Howard F. Dean to A. C. Ramseyer, Smithville, Ohio.
White Stockings of Dean Valley 43743—Howard F. Dean to A. T. Palmer, Powell, Ohio.
Wildwood's Blanchie 67196—C. M. Hutchinson to Wyman R. Hoagland, Motavia, Idaho.
Wilhelmina of Briarbank 40493—W. T. Barbour to Francis Palms, Detroit, Mich.
Wilhelmina of Briarbank 2d 55271—W. T. Barbour to Francis Palms, Detroit, Mich.
Wilhelmina of the Oaks 58844—J. M. Fox to J. P. Reed, Miola, Pa.
Yashielou 72662—C. A. Wright to Lowell Gable, Wyebrooke, Pa.
Yashie's Belle of Fairview 72663—C. A. Wright to Lowell Gable, Wyebrooke, Pa.
Yeksa's Dairy Maid of Alswel 70143—William J. Lemp to C. A. Balcom, Ohio, Ill.
Yeksa's Girl of Alswel 61614—William J. Lemp to C. A. Balcom, Ohio, Ill.
Yokum Queen 42243—R. Alfred Synyur to Frederick H. Farrington, Brandon, Vt.
Yolanda's Maid 26898—Charles Langschwager to Walter Burhop, Grafton, Wis.

Don't Sacrifice Your Breeding Animals

MAPLE GLEN FARM

OFFERS FOR SALE

MAY ROSE BULL CALF DROPPED JUNE 6, 1916

And other Bulls younger, bred the same out of Dams now on test.

Sonoma Boy of Maple Glen 41165, dropped June 6, 1916. Nicely marked. Fawn and white. Good size.

Florham Laddie 20431. Full sister, Florham Gold Lassie 43596 A R. 583 lbs. butter fat, as 2 year old. Sold at auction $2500.

Rose May of Maple Glen 36950, Show cow, with beautiful udder and will be tested this year.

Ne Plus Ultra 15265. Sire of 15 A. R. daughters whose average 525 lbs. butter fat; mostly 2 yrs. old.

Golden Lassie of Paxtang 24697
Milk, 10196.05; butter fat, 507.31
" 14100.80 " " 675.45
" 14414.65 " " 715.38

George Washington of Fairfield Farm 10866 A. R. 2d Prize age bull National Dairy Show, Cnicago, Ill. 1912

Cody Annabell 25307 A. R. 9290.30 lbs. milk; 457.92 lbs. butter fat. Now on retest.

Dolly Dimple's May King of Langwater 12997 Six A. R. daughters. Langwater Nancy A. R. 16003.60 lbs. milk; 862.44 lbs. butter fat.

Imp. Itchen Daisy 3d. 15630 A. R. 13636.80 lbs milk; 714.60 lbs. butter fat. Dam of King of the May 9001, also Langwater Dairymaid A. R 16949.2 lbs. milk; 812.66 lbs. butter fat.

Lord Derby of Paxtang 7744 A. R.

Nugget of Paxtang 14635

Imp. King of the May 9001 A. R. Sire of 18 A. R. daughters. 16 sold for $31500 at auction.

Imp. Hayes Richesse II 15474 A. R. 10630.70 lbs. milk; 642.43 lbs. butter fat.

Cody of Maple Glen 11320. Son of Pretor 936. 12 A. R. daughters 4 A. R. sons.

Annabelle of Maple Glen A. R. 7474.41 lbs. milk, 391.24 lbs. Class D. Daughter of Pretor 9316.

FOR PRICES ADDRESS

L. L. COGGSHALL :: :: LOCKE, NEW YORK

LEDYARD BAY

GUERNSEYS

I am offering Several Young Females

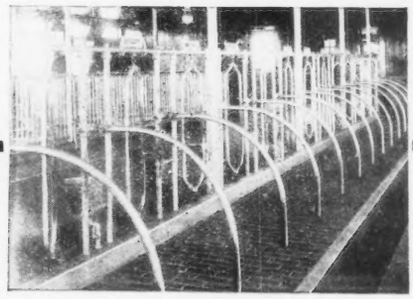
For Sale

Individuals with splendid Adv. Reg. breeding. All grand-daughters of Ledyard Bay 11074, A. R. His ten A. R. daughters average 538.38 lbs. fat.

Bull Calves Always For Sale

OTTO W. POST

Ensenore - - New York



Circle A Cork Brick stall floors in the dairy barn of the Soundview Farms, Southport, Conn.

What Are Your Stall Floors Made Of?

This is more important than you think. Rheumatism, garget and other udder trouble can be traced directly to floors that are hard and cold. Moreover, such floors are usually slippery—another source of danger to your stock.

Circle Ⓐ Cork Brick

FOR STALL FLOORS

combine every quality of the ideal flooring material. They are warm, dry, non-slippery and easy under foot. What is equally as important, they are exceptionally durable.

But don't take *our* word for it. Write today for "Better Stall Floors" and read what *others* say about them. This valuable book will be sent free, on request—also a sample of Cork Brick, which you can test in any way that occurs to you.

Armstrong Cork & Insulation Co. 119 Twenty-fourth St. Pittsburgh, Pa.

All genuine Armstrong Cork Brick bear the Circle A Trade-Mark.